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PLASMA TV

SERVICE MANUAL

CHASSIS : PA73A

MODEL : 60PY3D 60PY3DF-UA

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by \triangle in the Schematic Diagram and Replacement Parts List. It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards. Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the same specified type.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

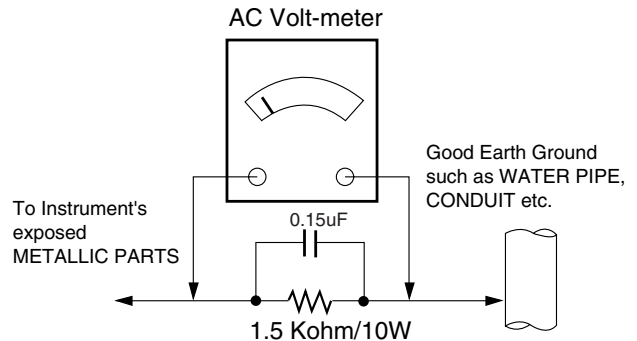
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



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SPECIFICATIONS

32LB9D (32LB9D-UA)	Width x Height x Depth (inches/mm)	With Stand	31.7x24.4x11.2 inches 805.8x619.7x283.9 mm
		Without Stand	31.7x21.8x3.1 inches 805.8x554.1x79.0 mm
	Weight (pounds / kg)	With Stand	32.4 pounds / 14.7 kg
		Without Stand	27.3 pounds / 12.4 kg
47LC7DF (47LC7DF-UB)	Width x Height x Depth (inches/mm)	With Stand	45.1x32.5x12.0 inches 1144.5x825.6x306.0 mm
		Without Stand	45.1x29.7x4.1 inches 1144.5x754.5x103.0 mm
	Weight (pounds / kg)	With Stand	82.4 pounds / 37.5 kg
		Without Stand	68.9 pounds / 31.3 kg
60PY3D (60PY3DF-UA)	Width x Height x Depth (inches/mm)	With Stand	63.5x40.8x17.8 inches 1613.6x1036.8x452.0 mm
		Without Stand	63.5x38.2x3.9 inches 1613.6x970.0x98.5 mm
	Weight (pounds / kg)	With Stand	180.1pounds / 81.7kg
		Without Stand	144.8 pounds / 65.7kg
Resolution		1920 x 1080 (Dot) (Only 32LB9D model:1366 x 768 (Dot))	
Power requirement		AC100-240V~ 50/60Hz	
Television System		NTSC-M, ATSC, 64 & 256 QAM	
Program Coverage		VHF 2-13, UHF 14-69, CATV 1-135, DTV 2-69, CADTV 1-135	
External Antenna Impedance		75 Ω	
Operating Temperature Range		0 ~ 40°C	
Operating Humidity Range		Less than 80%	
Storage Temperature Range		-20 ~ 60°C	
Storage Humidity Range		Less than 85%	

The specifications shown above may be changed without prior notice for quality improvement.

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions are applied to all of the PDP TV, PA73A.

2. Notes

- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.
- (2) Adjustments must be done in the correct order.
- (3) The adjustments must be performed in the circumstance of $25\pm 5^{\circ}\text{C}$ of temperature and $65\pm 10\%$ of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver be must kept 110V, 60Hz when adjusting.
- (5) The receiver must be operational for about 15 minutes prior to the adjustments.

3. Component 480i/1080p RGB 1080p Adjustment

3-1. Synopsis

Component 480i/1080p RGB 1080p adjustment to set the black level and the Gain to optimum.

3-2. Test Equipment

- (1) Service R/C
- (2) 801GF(802B, 802F, 802R) or MSPG925FA Pattern Generator (480i/1080i The Horizontal 100% Color Bar Pattern adjust to within $0.7\pm 0.1\text{Vp-p}$)



<Fig. 1> ADC Adjustment Pattern:
480i/1080i 60Hz HozTV31Bar Pattern

* Because the above pattern can differ by the model and pattern for each device, you must check the pattern first.

3-3. 480i Comp1 Adjustment

- (1) Receive the 480i Mode, 100% Horizontal Color Bar Pattern(HozTV31Bar) to Component 1 port.
(MSPG-925FA: ==> Model : 209, Pattern : 65)
- (2) Press the ADJ on the adjustment R/C to enter 'Ez - Adjust'. Select '1. Adjsut 480i Comp1' using the ▼ and press the ► to make the automatic adjustment.
- (3) When the adjustment is over, 'ADC Component1 Success' is displayed. If the adjustment has errors, 'ADC Component1 408i Fail' is displayed.
[Fail Message]
 - If the component is not connected: Component1 Not Connected
 - If the input format is not 480i: Not Valid Format
 - If the input signal is not generated: Check Signal Status
- (4) Readjust after confirming the Pattern or adjustment condition
- (5) After adjustment is complete, exit the adjustment mode by pressing the ADJ.

3-4. 1080p Comp1/RGB Adjustment

- (1) Receive the 1080p Mode, 100% Horizontal Color Bar Pattern(HozTV31Bar) to Component1 and RGB port.
(MSPG-925FA: ==> Model : 225 , Pattern : 65)
- (2) After connecting, wait for the image displayed on the screen
- (3) Press the ADJ on the adjustment R/C to enter 'Ez - Adjust'. Select '2. Adjsut 1080p Comp1/RGB' using the ▼ and press the ► to make the automatic adjustment.
- (4) When the adjustment is over, 'ADC Component1 Success' is displayed. If the adjustment has errors, 'ADC Component1 1080p Fail' is displayed.
- (5) When the Component1 adjustment is normally completed, the RGB adjustment automatically starts.
- (6) When the adjustment is over, 'ADC RGB 1080p Success' is displayed.
- (7) When the adjustment has errors, 'ADC RGB 1080p Fail' is displayed.
[Fail Message]
 - If the component is not connected: Component1 Not Connected
 - If the input format is not 480i: Not Valid Format
 - If the input signal is not generated: Check Signal Status
- (8) Readjust after confirming the Pattern or adjustment condition
- (9) After adjustment is complete, exit the adjustment mode by pressing the ADJ.

ADJUSTMENT INSTRUCTIONS

4. Auto Adjustment of RF and Video

Adjustment of RF and video signal

4-1. Adjustment

- (1) Connect the Video Signal Generator (Master) to AV1 port and input the signal.

Test Equipment: MSPG925FA Pattern Generator
(Model: 201(NTSC-M), Pattern: 33(100% color Bar))

At this time, press the Rev button certainly.



<Fig. 2>

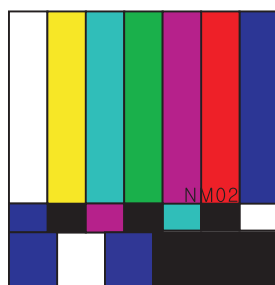
* Because the above pattern can differ by the model, pattern and rev button for each device, you must check the pattern first.

- (2) Apply the RF signal to the antenna. (Make sure that the signal is received)

- (3) Enter the 'Ez - Adjust' by pressing the ADJ on the Service R/C.

After select the '3.Adjust RF and Video', start the adjustment by pressing the Right Key(▶).

When it enters the adjustment mode, the screen is automatically split as TV 2CH SPLIT as shown at the below figure.



<Fig. 3>

- (4) When the adjustment is over, 'RF Configuration Success' is displayed. If the adjustment has errors, 'RF Configuration Error' is displayed.

- (5) When adjusting the RF signal is completed, it is automatically switched to the Video mode as shown at the below figure, and the automatic adjustment for the Video mode starts.

- (6) When the adjustment is over, 'AV Configuration Success' is displayed. If the adjustment has errors, 'AV Configuration Error' is displayed.

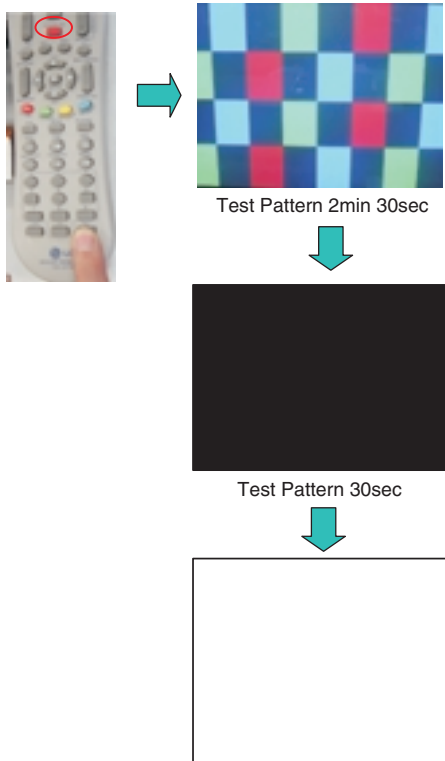


<Fig. 4>

ADJUSTMENT INSTRUCTIONS

<HEAT RUN>

- Preliminary action is applied to the test for afterimage discharge detection, and 100% FULL WHITE PATTERN must be operated automatically.
- (1) Pressing Power On key on the adjustment R/C
 - (2) Full Test Pattern(2 min 30sec) --> Full Black Pattern(30sec) --> Full White Pattern
(Full White Pattern when the main power is turned on again after being turned off)
 - (3) Pattern Mode is deselected by pressing CH +/-, Exit Key.



* Set is activated HEAT-RUN without signal generator in this mode.

If you turn on a still screen more than 20 minutes (Especially Digital pattern(13 CH), Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

Each PCB Assy must be checked by Check JIG Set before assembly. (Especially, be careful Power PCB Assy which can cause Damage to the PDP Module.)

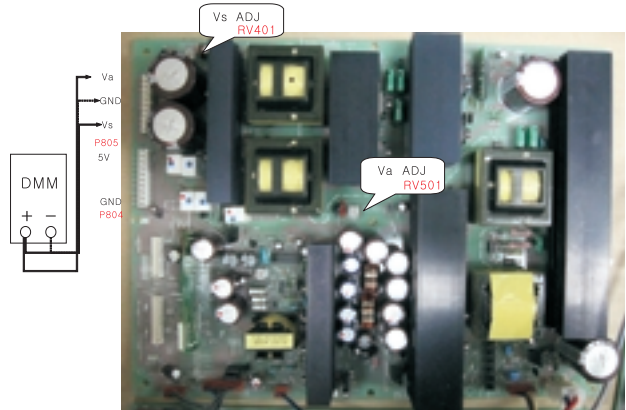
5. Voltage Adjustment(60" Model)

(1) Va Voltage Adjustment

- 1) Connect + terminal of D.M.M to Va pin of P805 and connect – terminal to GND pin of P805.
- 2) Adjust RV501 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5V$)

(2) Vs Voltage Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805 and connect – terminal to GND pin of P805.
- 2) Adjust RV401 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5V$)



6. EDID(The Extended Display Identification Data)/DDC (Display Data Channel) Download

It is the feature to implement the "Plug and Play" which automatically reconfigures the user's environment to directly use by exchanging information without any command directly to the PC or the monitor by the user, which is established by the VESA

6-1. Required Test Equipment

- (1) PC(S/W: EDID TESTER Ver.2.5)
- (2) EDID Download JIG (PC serial to D-sub connection cable)
- (3) Connection Cable

ADJUSTMENT INSTRUCTIONS

6-2. Setting of Device



6-3. EDID DATA for 60PY3DF

- EDID for HDMI-1 (DDC (Display Data Channel) Data)
EDID table =

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	00	01	01
10		00	11	01	03	80	73	41	96	0A	CF	74	A3	57	4C
20		09	48	4C	AF	CF	00	31	40	45	40	61	40	81	80
30		01	01	01	01	01	01	66	21	50	B0	51	00	1B	30
40		36	00	C4	8E	21	00	00	1E	02	3A	80	18	71	38
50		58	2C	45	00	C4	8E	21	00	00	1E	00	00	00	FD
60		58	1F	64	11	00	0A	20	20	20	20	20	00	00	FC
70		00	4C	47	20	54	56	0A	20	20	20	20	20	01	8A

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		02	03	16	F1	47	84	05	03	02	20	22	10	23	15
10		65	03	0C	00	10	00	01	1D	00	72	51	D0	1E	20
20		55	00	C4	8E	21	00	00	1E	01	1D	80	18	71	1C
30		58	2C	25	00	C4	8E	21	00	00	9E	8C	0A	D0	8A
40		2D	10	10	3E	96	00	C4	8E	21	00	00	18	8C	0A
50		20	E0	2D	10	10	3E	96	00	13	8E	21	00	00	18
60		80	A0	70	38	1F	40	30	20	25	00	C4	8E	21	00
70		00	00	00	00	00	00	00	00	00	00	00	00	00	10

- EDID for HDMI-2 (DDC (Display Data Channel) Data)
EDID table =

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	00	01	01
10		00	11	01	03	80	73	41	96	0A	CF	74	A3	57	4C
20		09	48	4C	AF	CF	00	31	40	45	40	61	40	81	80
30		01	01	01	01	01	01	66	21	50	B0	51	00	1B	30
40		36	00	C4	8E	21	00	00	1E	02	3A	80	18	71	38
50		58	2C	45	00	C4	8E	21	00	00	1E	00	00	00	FD
60		58	1F	64	11	00	0A	20	20	20	20	20	00	00	FC
70		00	4C	47	20	54	56	0A	20	20	20	20	20	01	8A

0 1 2 3 4 5 6 7 8 9 A B C D E F

0		02	03	16	F1	47	84	05	03	02	20	22	10	23	15
10		65	03	0C	00	20	00	01	1D	00	72	51	D0	1E	20
20		55	00	C4	8E	21	00	00	1E	01	1D	80	18	71	1C
30		58	2C	25	00	C4	8E	21	00	00	9E	8C	0A	D0	8A
40		2D	10	10	3E	96	00	C4	8E	21	00	00	18	8C	0A
50		20	E0	2D	10	10	3E	96	00	13	8E	21	00	00	18
60		80	A0	70	38	1F	40	30	20	25	00	C4	8E	21	00
70		00	00	00	00	00	00	00	00	00	00	00	00	00	00

- EDID for HDMI-3 (DDC (Display Data Channel) Data)
EDID table =

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	00	01	01
10		00	11	01	03	80	73	41	96	0A	CF	74	A3	57	4C
20		09	48	4C	AF	CF	00	31	40	45	40	61	40	81	80
30		01	01	01	01	01	01	66	21	50	B0	51	00	1B	30
40		36	00	C4	8E	21	00	00	1E	02	3A	80	18	71	38
50		58	2C	45	00	C4	8E	21	00	00	1E	00	00	00	FD
60		58	1F	64	11	00	0A	20	20	20	20	20	00	00	FC
70		00	4C	47	20	54	56	0A	20	20	20	20	20	01	8A

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		02	03	16	F1	47	84	05	03	02	20	22	10	23	15
10		65	03	0C	00	30	00	01	1D	00	72	51	D0	1E	20
20		55	00	C4	8E	21	00	00	1E	01	1D	80	18	71	1C
30		58	2C	25	00	C4	8E	21	00	00	9E	8C	0A	D0	8A
40		2D	10	10	3E	96	00	C4	8E	21	00	00	18	8C	0A
50		20	E0	2D	10	10	3E	96	00	13	8E	21	00	00	18
60		80	A0	70	38	1F	40	30	20	25	00	C4	8E	21	00
70		00	00	00	00	00	00	00	00	00	00	00	00	00	F0

- EDID DATA for RGB
EDID table =

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	00	01	01
10		00	11	01	03	18	73	41	96	0A	CF	74	A3	57	4C
20		09	48	4C	AF	CF	00	31	40	45	40	61	40	81	80
30		01	01	01	01	01	01	66	21	50	B0	51	00	1B	30
40		36	00	C4	8E	21	00	00	1A	02	3A	80	18	71	38
50		58	2C	45	00	C4	8E	21	00	00	1E	00	00	00	FD
60		58	1F	64	11	00	0A	20	20	20	20	20	00	00	FC
70		00	4C	47	20	54	56	0A	20	20	20	20	20	01	F6

ADJUSTMENT INSTRUCTIONS

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	02	03	04	00	0E	1F	00	80	51	00	1E	30	40	80	37	00
10	C4	8E	21	00	00	1C	F1	27	00	A0	51	00	25	30	50	80
20	37	00	C4	8E	21	00	00	1C	26	36	80	A0	70	38	1F	40
30	30	20	25	00	C4	8E	21	00	00	0A	00	00	00	00	00	00
40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
70	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	BC

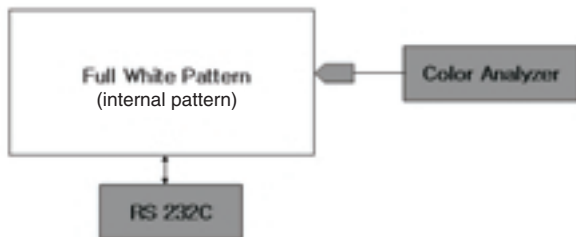
7. Adjustment of White Balance

7-1. Required Test Equipment

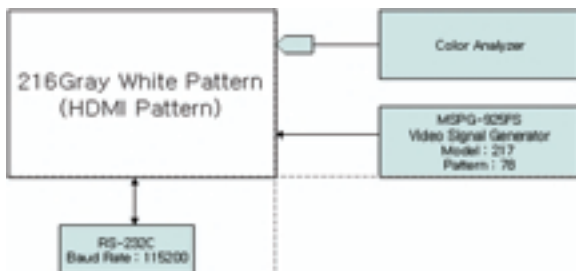
- (1) Color Analyzer : CA-210 (CH 9)
=> To adjust color temperature of LCD, CS-1000 is the Color Analyzer(CA-210) and should be set to use CH 9 in which white, red, green, and blue color are corrected. Conduct the adjustment according to the coordinates for White Balance adjustment in the table below.
- (2) Computer for adjusting (necessary for the automatic adjustment, possible to communicate with the RS-232C, Baud Rate : 115200)
- (3) Video Signal Generator MSPG-925F 720p, 216Gray (Model :217, Pattern 78)

7-2. Connection Diagram of Equipment for Measuring (Automatic Adjustment)

Use the internal pattern to adjust White Balance. The pattern is automatically given when the automatic adjustment device is connected or when a user presses ADJ on the remote controller to start Ez Adjust and then selects 6.White-Balance.



Connection Diagram for Internal Pattern



Connection Diagram for HDMI Input

7-3. White Balance Adjustment Method

Basically it uses the internal pattern but when internal pattern is not possible, you can select HDMI input for adjustment. Through the option at the most bottom part of the Ez Adjust Menu 7.White Balance menu, you can select NONE, INNER and HDMI, and the default is set to INNER. When the adjustment cannot be done with the internal pattern, you can select HDMI input for adjustment.

For manual adjustment, press the ADJ KEY of the adjustment R/C to enter Ez Adjust 7.White-Balance, and the pattern is automatically displayed. (When you set the Option to INNER, the default is always set to INNER)

- (1) Connect the set according to the internal pattern or HDMI input in accordance with measuring device connection diagram.
- (2) Set the Baud Rate of RS-232C to 115200. It is set to 115200 as default.
- (3) Connect the RS-232C Cable to the set.
- (4) Connect the HDMI Cable to the set. (Limited to the set with HDMI option)
- (5) Select and adjust the model applicable to PA73A chassis from the adjuster.

7-4. Automatic Adjustment

- (1) Execute POWER ON(■) of the adjustment R/C to execute automatic adjustment or set the Baud Rate to 115200.
- (2) Always start adjustment with "wb 00 00" and end adjustment with "wb 00 ff" (Adjust the offset if necessary)

- (3) RS-232C command used for the automatic adjustment

RS-232C COMMAND [CMD ID DATA]			Meaning
wb	00	00	White Balance Adjustment Start
wb	00	10	Gain Adjustment Start(Internal white pattern)
wb	00	1f	Gain Adjustment End
wb	00	20	Offset Adjustment Start(Internal white pattern)
wb	00	2f	Offset Adjustment End
wb	00	ff	White Balance Adjustment End (Disappear Internal pattern)

Ex) Wb 00 00-----white balance Automatic Adjustment Start

Wb 00 10-----Gain Adjustment start (Internal pattern)

Ja 00 ff-----Adjustment Data

Jb 00 c0

...

...

Wb 00 1f-----Gain Adjustment End

*(wb 00 20(Start), wb 00 2f(End))----- When adjust Off-set

Wb 00 ff-----White Balance Automatic Adjustment End

(Disappear Inside pattern)

ADJUSTMENT INSTRUCTIONS

(4) Adjustment Map

	RS-232C COMMAND [CMD ID DATA]			Min	CENTER (DEFAULT)(Decimal)			Max (Decimal)
	Cool	Mid	Warm		Cool	Mid	Warm	
R Gain	Jg	Ja	Jd	00	184	192	192	255
G Gain	Jh	Jb	Je	00	189	184	150	255
B Gain	Ji	Jc	Jf	00	192	161	84	255
R Cut					64	64	64	127
G Cut					64	64	64	127
B Cut					64	64	64	127

7-5. Manual Adjustment

- (1) Required Test Equipment: CA-100
- (2) Enter the 'Ez - Adjust' by pressing the ADJ on the Service R/C.
- (3) Select 9.TEST PATTERN using the CH + / - KEY and press the Enter KEY to execute a heat run for more than 30 minutes.
- (4) Zero Calibrate of the Color Analyzer, then attach sensor to PDP module surface when you adjust.
- (5) Select '6. White-Balance' of 'Ez - Adjust' by pressing the ADJ KEY on the Service R/C. Then enter adjustment mode by pressing the Right KEY (▶) .
(The internal pattern of full white appears by pressing ▶)
- (6) The adjustment is conducted in three levels of color temperature; COOL, MEDIUM, and WARM.

- 1) For all color temperatures, fix R-Cut / G-Cut / B-Cut to 64.
- 2) Color Temperature: Cool, Medium, Warm
Adjust the High Light by using the G Gain / R Gain.
R, G, B Gain does not go over 192.

Full White 216gray

[Cool]

X; 0.276±0.002 Y; 0.283±0.002
Color temperature: 11000°K
dUV: -3dUV

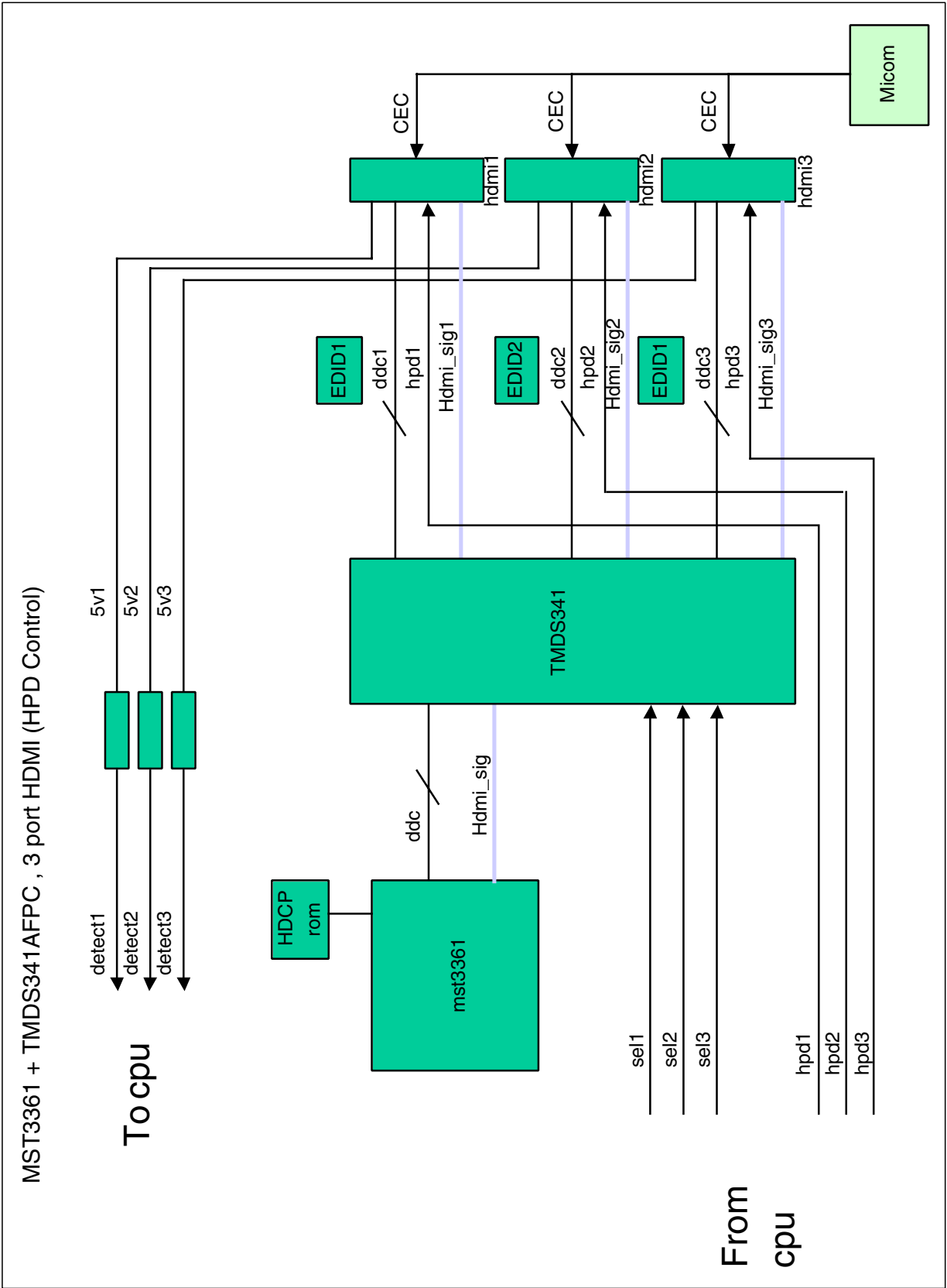
[Medium]

X; 0.285±0.002 Y; 0.293±0.002
Color temperature: 9300°K
dUV: -3dUV

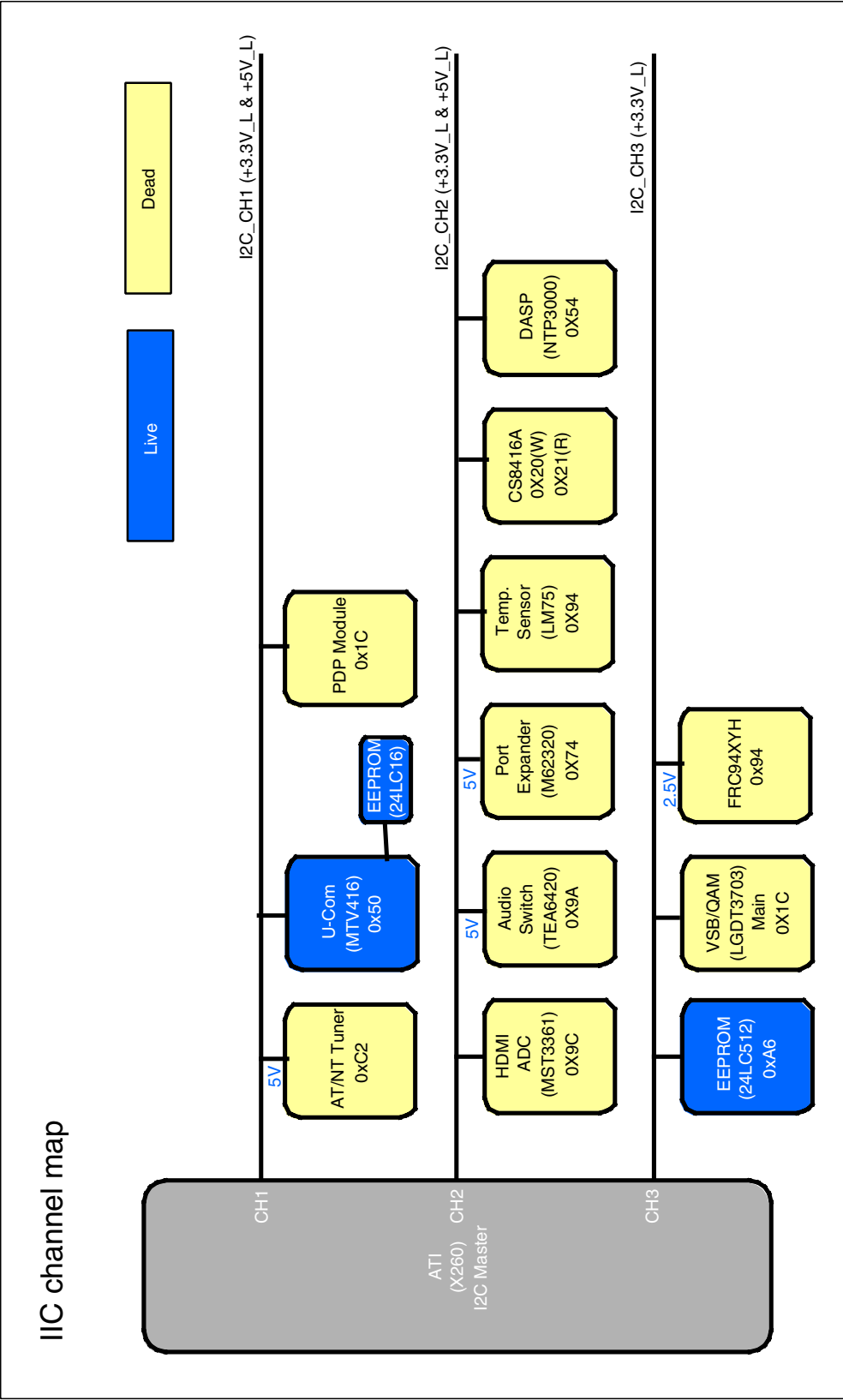
[Warm]

X; 0.313±0.002 Y; 0.329±0.002
Color temperature: 6500°K
dUV: -3dUV

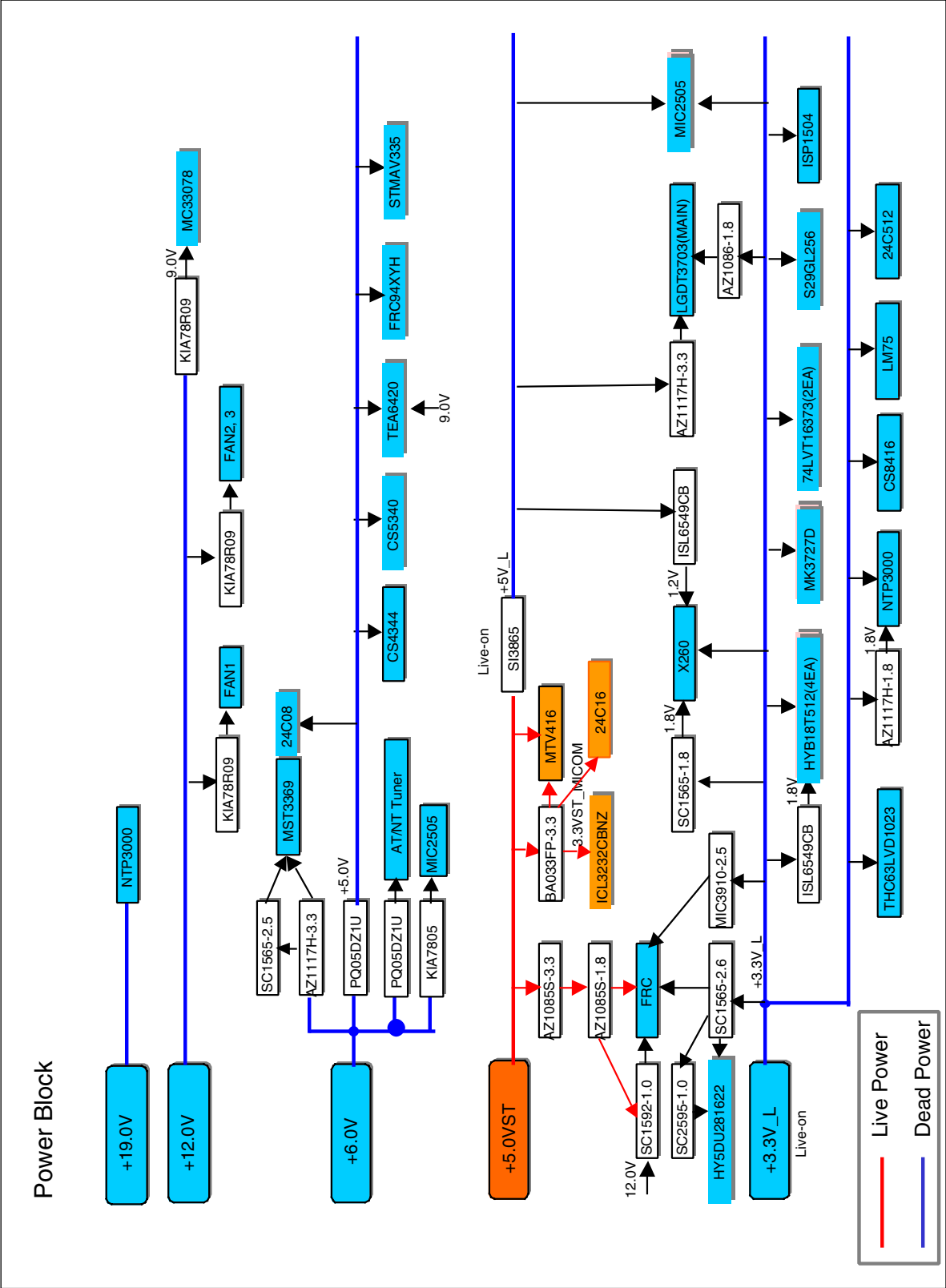
BLOCK DIAGRAM



BLOCK DIAGRAM

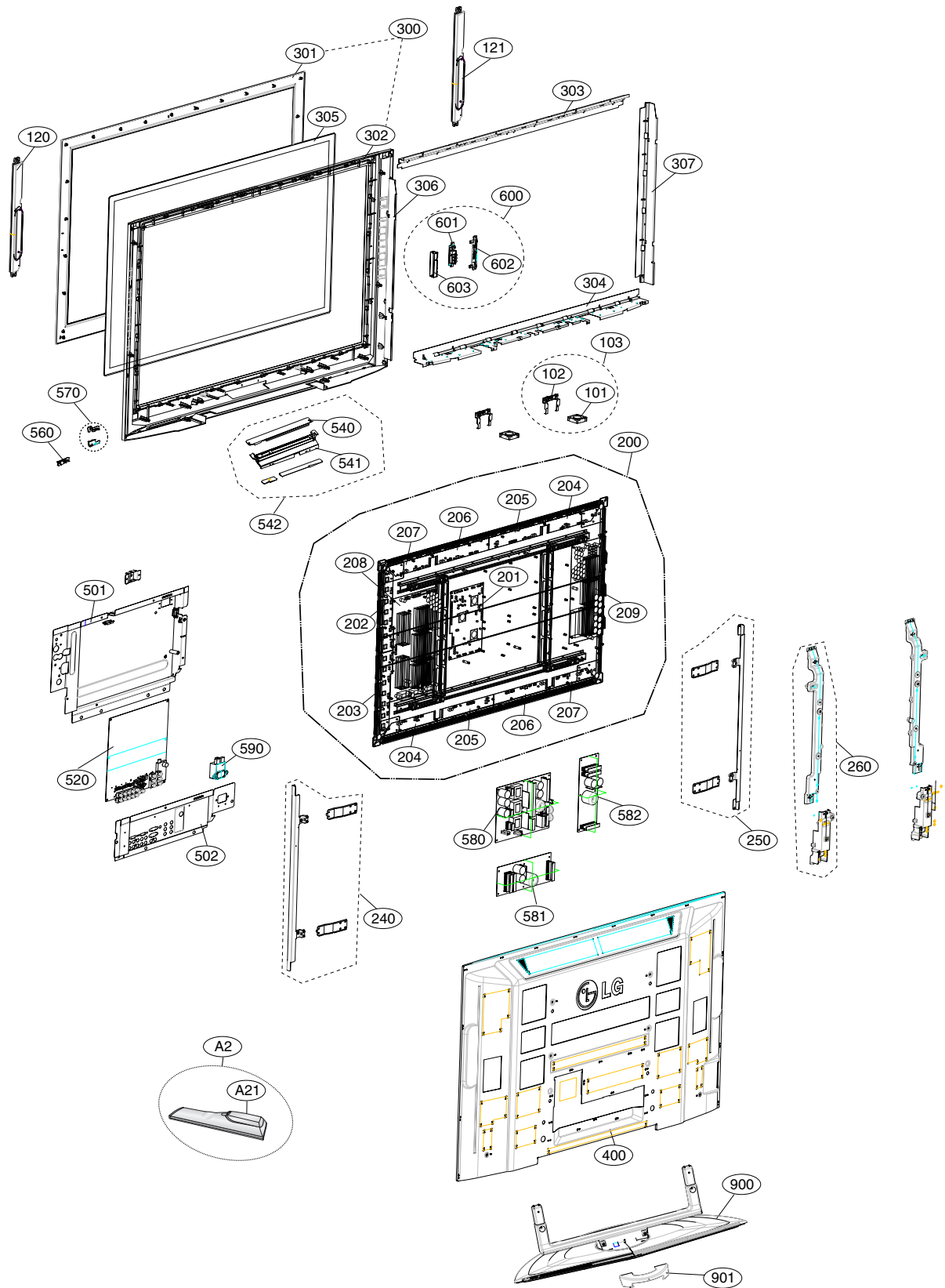


BLOCK DIAGRAM



NOTES

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
101	EAL30846301	Fan Module,G6015S12b2 1.8KRPM DC 12V 840MA 12W 60HZ 200MM3
102	MJH32511701	Supporter,PRESS EGI 0.6 NON EGI FAN_SUPP
103	AJJ31606802	Supporter Assembly,60PY30, SKD, FAN SUPPORTER ASSY
	AJJ31606801	Supporter Assembly,60PY30, FAN SUPPORTER ASSY
120	EAB33735401	Speaker Assembly,50PY3 SLIM SPEAKER ASSY RIGHT
121	EAB33735402	Speaker Assembly,50PY3 SLIM SPEAKER LEFT ASSY
200	EAJ32791801	PDP,Module-FullHD PDP60H10000.ADLGB FULLHD 60INCH 1920X1080 16/9 PDP DIVISION
	EAJ32791701	PDP,Module-FullHD PDP60H10000.AKLGG FULLHD 60INCH
201	EBR32922301	PCB Assembly,EBR32922301 CTRL ASS'Y 60 H1 Full-HD CTRL PDP DIVISION
202	EBR32015901	PCB Assembly,EBR32015901 YDRV ASS'Y 60 H1 Full-HD YDRV TOP PDP DIVISION
203	EBR32016101	PCB Assembly,EBR32016101 YDRV ASS'Y 60 H1 Full-HD YDRV BOTTOM PDP DIVISION
204	EBR32003901	PCB Assembly,EBR32003901 XRLB ASSY 60 H1 Full-HD XLB & XRT PDP DIVISION
205	EBR32004501	PCB Assembly,EBR32004501 XRCLBT ASSY' 60 H1 Full-HD XCLB & XCRT PDP DIVISION
206	EBR32004601	PCB Assembly,EBR32004601 XRCRBT ASSY' 60 H1 Full-HD XCRB & XCLT PDP DIVISION
207	EBR32004701	PCB Assembly,EBR32004701 XRRB ASSY 60 H1 Full-HD XRB & XLT PDP DIVISION
208	EBR32324201	PCB Assembly,EBR32324201 YSUS ASS'Y 60 H1 Full HD PDP DIVISION
209	EBR32324301	PCB Assembly,EBR32324301 ZSUS ASS'Y 60 H1 Full HD PDP DIVISION
240	AJJ30996203	Supporter Assembly,60PY30, SKD, Vertical Supporter Right Assy.
	AJJ30996201	Supporter Assembly,60PY30, Vertical Supporter Right Assy
250	AJJ30996204	Supporter Assembly,60PY30, SKD, Vertical Supporter Left Assy.
	AJJ30996202	Supporter Assembly,60PY30, Vertical Supporter Left Assy.
260	AJJ31606903	Supporter Assembly,60PY30, MODULE SUPP_SIDE HOR.+ SUPP_SIDE. PANTON ASSY
	AJJ31606902	Supporter Assembly,60PY30, MODULE SUPP_SIDE HOR.+ SUPP_SIDE, Press
300	ABJ30995004	Cabinet Assembly,60PY3DR-UA PA71A 60 LG, C/SKD
	ABJ30995002	Cabinet Assembly,60PY3DR-UA PA71A 60 LG
301	ADV31660202	Frame Assembly,60py30 mf-056l 60 frame assy, LG
302	MBH32314201	Cabinet,MOLD ABS 60PY30 ABS E3, Cabinet, XCANVAS
303	AJJ30996402	Supporter Assembly,60PY30, Filter Supporter Top, SKD
	AJJ30996401	Supporter Assembly,60PY30, Filter Supporter Top
304	AJJ30996502	Supporter Assembly,60PY30, Filter Supporter Bottom Assy C/SKD
	AJJ30996501	Supporter Assembly,60PY30, Filter Supporter Bottom Assy
305	5230V00018B	Filter,CUTTING ACRYL TOP 60PY2DR ø· 60inch PDP MITSUI 60 GLASS FILTER
306	AJJ30996603	Supporter Assembly,60PY30, SKD, Filter Supporter Right Assy
	AJJ30996601	Supporter Assembly,60PY30, Filter Supporter Right Assy
307	AJJ30996703	Supporter Assembly,60PY3, SKD, Filter Supporter Left Assy
	AJJ30996701	Supporter Assembly,60PY30, Filter Supporter Left Assy
400	ACQ30995608	Cover Assembly,Rear 60PY3DF-ZA PD75A 60 Back Cover Assy, SKD, Without DVR & Without Woofer
	ACQ30995604	Cover Assembly,Rear 60PY3D PA71A 60 Back Cover Assy, Without DVR & Without Woofer
501	AGU31681105	Plate Assembly,PLATE TUNER BOT SMALL, 60PY3DF-UA(E3)
502	AGU31680911	Plate Assembly,PLATE TUNER COVER SMALL, 60PY3 E3 /AMERICA
520	EBR36117301	PCB Assembly,Main PA73A 60PY3DF-UA AUSLLHX 60PY3DF-UA MAIN MANUAL ASSY
540	EAJ33837501	VFD,16SL02HS1 237
541	ABA32560202	Bracket Assembly,BRACKET 60PY3DF-ZA PD75A VFD BRACKET ASSY, CSKD
	ABA32560201	Bracket Assembly,BRACKET 60PY3DF-ZA PD75A VFD BRACKET ASSY
542	EBT34918701	Chassis Assembly,SUB PA71A 60PY3DR VFD ASSY.
560	EBR36865501	PCB Assembly,Audio BUZZER ASSEMBLY SOUND S.T PDP 50PB3,60PY3 PDP BUZZER B/D YANG WOO CO
570	EBR33918301	PCB Assembly,SUB M.I PA71A 50PB3DR KOREA 50PB3DR PRE AMP
580	EAY32929201	SMPS,AC/DC 1H391W 100VTO240V 800W 50 TO 60HZ UL/CE/TUV 60INCH PDP FULL HD
581	EAY32929401	SMPS,AC/DC 1H391W-PFC 100VTO240V 800W 50 TO 60HZ UL/CE/TUV 60INCH PDP FULL HD
582	EAY32929901	SMPS,AC/DC 1H391W-ACIN 100VTO240V 800W 50 TO 60HZ UL/CE/TUV 60INCH PDP FULL HD
590	EAM35012702	Filter,AC Line IF2-N10CEWL1 1.1mH 250VAC 10A 0.22uF 1000pF
600	EBT36207701	Chassis Assembly,SUB PA73A SUB PA73A 60PY3DF-UB SIDE AV ASSY
601	EBR35103101	PCB Assembly,SUB M.I PA71A SIDE A/V
602	ABA30998703	Bracket Assembly,AV PY30 AB E3_SIDE AV BRACKET ASSY, USA,With USB
603	MGJ32323501	Plate,Shield PRESS AL 1.0 SHIELD AL E3 PY30 SHIELD,SIDE AV
900	AAN30997003	Base Assembly,STAND 60PY3 PA64F Stand Assy, SKD
	AAN30997001	Base Assembly,STAND 60PY30 PA64F Stand Assy,
901	MCK32693801	Cover,MOLD ABS 60PY3 ABS COVER CABLE
A2	6710900011Z	Remote Controller,COMPLEX LA73A 42LB5DF-UA USA_Full HD_NON DVR
A21	3550V00684B	Cover,BATTERY BACK ABS, HF-380 BK

REPLACEMENT PARTS LIST

RUN DATE : 2007.5.3

LOCA. NO	PART NO	DESCRIPTION
IC		
IC101	EAN32808701	XILLEON260 500MVT02.1V,35
IC200	EAN33624401	HYB18TC512160BF-3S 512MBI
IC201	EAN33931901	TC74LCX16373AFT 2V~3.6V 5
IC202	EAN33931901	TC74LCX16373AFT 2V~3.6V 5
IC203	EAN33624401	HYB18TC512160BF-3S 512MBI
IC206	EAN33624401	HYB18TC512160BF-3S 512MBI
IC207	0IMCRAL021A	AT24C512W-10SU-2.7 512KBI
IC208	EAN33624401	HYB18TC512160BF-3S 512MBI
IC300	0IKE702900G	KIA7029AF - 3TO15V 2.9V
IC301	0IMCRSJ001B	SC15651ST-2.5TR 2.2TO5V 2
IC302	0IPMG00049A	AZ1117H-1.8TR/E1[H13A] 3.
IC303	0IPMG00049A	AZ1117H-1.8TR/E1[H13A] 3.
IC304	EAN33573001	SC2621ASTRT 18V 5V~17.4
IC305	0ISTLPH026A	74LVC14APW 1.2TO3.6V 01
IC306	0IPRP00009A	ICL3232CBNZ 3VTO5.5V - SS
IC307	0IKE702900G	KIA7029AF - 3TO15V 2.9V
IC308	0IPMGA0010A	AZ1117H-3.3 4.75TO10V 3.3
IC310	0IMCRAL006A	AT24C16AN-10SU-2.7 16KBIT
IC400	0IMCRSJ001B	SC15651ST-2.5TR 2.2TO5V 2
IC401	0IPMGA0010A	AZ1117H-3.3 4.75TO10V 3.3
IC402	0IPRP00696C	MST3361M-LF-170 3.3V_2.5V
IC403	EAN32724701	STMAV335 4.0TO5.5V 5NSEC
IC404	0IMMRCS012B	CAT24WC08W-T(MST3000) 8KB
IC405	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT
IC406	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT
IC407	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT
IC408	0IMMRAL014D	AT24C02BN-10SU-1.8 2KBIT
IC409	EAN35942401	TMDS341APFCR 3TO3.6V 10NS
IC501	0IPRPCI017A	CS8416-CZZR 3.13VTO3.46V,
IC505	EAN32404601	NTP3000 7TO30V 5.5V 01%
IC507	0IPMG00049A	AZ1117H-1.8TR/E1[H13A] 3.
IC508	0IMCRMN028C	MSP4450K-QA-D6 7.6TO8.7V_
IC600	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DP
IC601	EAN32174001	THC63LVD1023 3.0VTO3.6V 1
IC602	0IPMGSH019A	PQ018EZ02ZPH(PB-FREE) 2.3
IC603	0IPMGA0010A	AZ1117H-3.3 4.75TO10V 3.3
IC604	0ICTMLG019A	LGDT3303 3TO5 25m 16M TQF
IC605	0IPMG00049A	AZ1117H-1.8TR/E1[H13A] 3.
IC605	0IPMGSH019A	PQ018EZ02ZPH(PB-FREE) 2.3
IC700	EAN32662801	KA7809ERTM 35V to 40V 9V
IC704	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DP
IC705	0IMI623200B	M62320FP(SOP) 4.5TO5.5V 0
IC707	0IPMGKE032A	KIA78R09F 10TO25V 9V 8W D
IC708	0IPMGKE032A	KIA78R09F 10TO25V 9V 8W D
IC711	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DP
IC712	EAN32013101	MIC2505-2YM 2.7V TO 7.5V

LOCA. NO	PART NO	DESCRIPTION
TRANSISTOR		
Q300	EBK32756101	FET,Si4800BDY N-CHANNEL M
Q301	EBK32756101	FET,Si4800BDY N-CHANNEL M
Q302	0TR387500AA	2SC3875S(ALY) NPN 5V
Q303	0TR387500AA	2SC3875S(ALY) NPN 5V
Q304	0TR387500AA	2SC3875S(ALY) NPN 5V
Q305	0TR387500AA	2SC3875S(ALY) NPN 5V
Q306	0TR387500AA	2SC3875S(ALY) NPN 5V
Q307	0TR387500AA	2SC3875S(ALY) NPN 5V
Q308	0TR387500AA	2SC3875S(ALY) NPN 5V
Q309	0TR387500AA	2SC3875S(ALY) NPN 5V
Q310	0TR387500AA	2SC3875S(ALY) NPN 5V
Q311	0TR387500AA	2SC3875S(ALY) NPN 5V
Q312	0TR387500AA	2SC3875S(ALY) NPN 5V
Q313	0TR387500AA	2SC3875S(ALY) NPN 5V
Q314	0TR387500AA	2SC3875S(ALY) NPN 5V
Q315	EBK32756101	FET,Si4800BDY N-CHANNEL M
Q316	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q317	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q318	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q319	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q400	0TR387500AA	2SC3875S(ALY) NPN 5V
Q401	0TR104009AF	KRC104S NPN 40V
Q402	0TR104009AF	KRC104S NPN 40V
Q403	0TR387500AA	2SC3875S(ALY) NPN 5V
Q404	0TR387500AA	2SC3875S(ALY) NPN 5V
Q405	0TR104009AF	KRC104S NPN 40V
Q406	0TR104009AF	KRC104S NPN 40V
Q407	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q409	0TR104009AF	KRC104S NPN 40V
Q410	0TR104009AF	KRC104S NPN 40V
Q411	0TR387500AA	2SC3875S(ALY) NPN 5V
Q500	0TR387500AA	2SC3875S(ALY) NPN 5V
Q501	0TR387500AA	2SC3875S(ALY) NPN 5V
Q503	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q504	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q505	0TR387500AA	2SC3875S(ALY) NPN 5V
Q506	0TR387500AA	2SC3875S(ALY) NPN 5V
Q508	0TR150400BA	2SA1504S(ASY) PNP -5V
Q510	0TR150400BA	2SA1504S(ASY) PNP -5V
Q511	0TR387500AA	2SC3875S(ALY) NPN 5V
Q512	0TR387500AA	2SC3875S(ALY) NPN 5V
Q513	0TR102009AM	KRA102S PNP -30V 0V -
Q514	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q515	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q516	0TFDI80001B	FET,2N7002(F) N-CHANNEL D
Q601	0TR150400BA	2SA1504S(ASY) PNP -5V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q602	0TFDI80001B	FET,2N7002(F) N-CHANNEL D	C211	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
Q602	0TFDI80001B	FET,2N7002(F) N-CHANNEL D	C2114	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
Q603	0TFDI80001B	FET,2N7002(F) N-CHANNEL D	C2115	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
Q603	0TFDI80001B	FET,2N7002(F) N-CHANNEL D	C2116	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
Q611	0TR387500AA	2SC3875S(ALY) NPN 5V	C2117	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
Q702	0TFVI80067A	FET,SI3865BDV(E3) N-CHANN	C2119	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
DIODE			C212	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
D300	0DSGD00038A	1N4148W 1.25V 100V 150MA 2A	C2120	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
D301	0DRSE00038A	SDC15 1.3V 14.3VTO16.4V 21.	C2122	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
D302	0DRSE00038A	SDC15 1.3V 14.3VTO16.4V 21.	C2124	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
D303	0DD184009AA	KDS184 KDS184 TP KEC - 85V	C2126	0CC150BK4AA	C1005C0G1H150JT 15pF 5% 50V C
D304	0DD184009AA	KDS184 KDS184 TP KEC - 85V	C2127	0CC150BK4AA	C1005C0G1H150JT 15pF 5% 50V C
D402	0DD184009AA	KDS184 KDS184 TP KEC - 85V	C2127	0CZZB00035A	GRM1555C1H330J 33pF 5% 50V C0
D404	0DD184009AA	KDS184 KDS184 TP KEC - 85V	C2128	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7
D408	0DD184009AA	KDS184 KDS184 TP KEC - 85V	C213	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD405	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2130	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD406	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2131	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
ZD407	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2132	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD408	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2133	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
ZD409	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2134	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD415	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2136	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
ZD416	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2137	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD417	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2138	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD418	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2139	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD419	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C214	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
ZD420	EAH33945901	CDS3C30GTH 3V 120V 1.9	C2140	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD421	EAH33945901	CDS3C30GTH 3V 120V 1.9	C2141	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD501	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2142	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD502	0DZRM00248A	Zener,RLZ8.2B 8.2V 7.78TO8.19V 80	C2143	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD700	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2144	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
ZD705	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2145	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X
ZD710	0DZ560009DA	Zener,UDZS5.6B 5.6V 5.49TO5.73V 6	C2146	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD711	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2147	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
ZD712	0DZ360009EB	Zener,UDZS3.6B 3.6V 3.6TO3.845V 1	C2148	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
CAPACITOR			C2149	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C1	0CE477DD618	EGR477M010T6G1G11G 470uF 20%	C215	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C1	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 1	C2150	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2	0CH3104K566	0805B104K500CT 100nF 10% 50V	C2151	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C200	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2152	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C201	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2153	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A
C202	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2154	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C203	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2155	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C204	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2156	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C205	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2157	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C206	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2158	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C207	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2159	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C208	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C216	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C209	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2160	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C210	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2161	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
			C2162	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
			C2163	0CK104BF56A	C1005X7R104KET 100nF 10% 16V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C2164	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C221	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2165	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2210	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2166	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2211	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2167	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2212	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2168	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2213	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2169	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2214	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C217	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2215	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2170	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2216	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2171	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2217	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2172	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2218	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2173	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C2219	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2174	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A	C222	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2175	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2220	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2176	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2221	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2177	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2222	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2178	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2223	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2179	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2224	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C218	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C2225	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2180	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2226	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2181	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2227	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2182	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2228	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C2183	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2229	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2184	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C223	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2185	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2230	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2186	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2231	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2187	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2232	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2188	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C2233	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2189	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16	C2234	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A
C2189	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16	C2239	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C219	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A	C224	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C2190	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C2240	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2191	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C2241	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2192	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C2242	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2193	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C2243	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2194	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C2244	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2195	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C225	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2196	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C226	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2197	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C227	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2198	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C228	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2199	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C229	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C220	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C230	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C2200	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C231	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2201	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C232	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2202	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C233	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2203	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C234	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C2204	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C235	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.
C2205	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C236	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2206	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C238	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2207	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C239	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C2208	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C240	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A
C2209	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C241	0CK104BF56A	C1005X7R104KET 100nF 10% 16V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C242	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C336	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C243	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C337	0CK332CK56A	C1608X7R1H332KT 3.3nF 10% 50V
C244	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C338	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C246	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C339	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V
C250	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C340	0CH2334F566	0805B334K160CT 330nF 10% 16V
C252	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C341	0CH2334F566	0805B334K160CT 330nF 10% 16V
C256	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C342	EAE32166101	CS1005XR473K250CR 047uF 10%
C257	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C343	0CH2334F566	0805B334K160CT 330nF 10% 16V
C260	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A	C344	0CH2334F566	0805B334K160CT 330nF 10% 16V
C264	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C345	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C265	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A	C346	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C266	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C347	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C276	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C348	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C285	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C349	0CC221BKFAA	C1005C0G1H221JT 220pF 5% 50V
C3	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V	C350	0CC221BKFAA	C1005C0G1H221JT 220pF 5% 50V
C3	0CH3104K566	0805B104K500CT 100nF 10% 50V	C351	0CH5470K618	0402N470M500LT 47pF 5% 50V C0
C300	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C352	0CH5470K618	0402N470M500LT 47pF 5% 50V C0
C301	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C353	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C302	0CE336WD6D8	RC1A336M05005VR 33uF 20% 10V	C354	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C303	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C355	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C304	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C356	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C305	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C357	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C306	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C360	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C307	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C361	0CH5220K618	0402N220M500LT 22pF 5% 50V C0
C309	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C362	0CH5220K618	0402N220M500LT 22pF 5% 50V C0
C310	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C365	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C311	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C366	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C312	0CK222BK6A	0402B222K500CT 2.2nF 10% 50V	C367	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C313	0CC221BKFAA	C1005C0G1H221JT 220pF 5% 50V	C368	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C314	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C369	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C315	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C370	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C316	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C372	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C317	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C373	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C318	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C374	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C319	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C4	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V
C320	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C400	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C321	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4000	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C322	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4001	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C323	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4002	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C324	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4003	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C325	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4004	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C326	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4005	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C327	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4006	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C328	0CK106DC67A	JMK212JB106MG-T 10uF 20% 6.3V	C4007	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C329	0CK105EJ56A	GMK316BJ105KL-T 1uF 10% 35V X	C4008	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C330	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C4009	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C331	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C401	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C332	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C4010	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C333	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C4011	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C334	EAE33970001	CS1005X5R105K6R3NR 1uF 10% 6.	C4012	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C335	0CK105EJ56A	GMK316BJ105KL-T 1uF 10% 35V X	C4013	0CK104BF56A	C1005X7R104KET 100nF 10% 16V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C4014	0CH5220K618	0402N220M500LT 22pF 5% 50V C0	C477	0CH5220K618	0402N220M500LT 22pF 5% 50V C0
C4015	0CH5220K618	0402N220M500LT 22pF 5% 50V C0	C478	0CH5220K618	0402N220M500LT 22pF 5% 50V C0
C402	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C481	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C404	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C482	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C405	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C484	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C406	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C487	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C407	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C488	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C408	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C491	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C409	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C492	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C410	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C495	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C412	0CK473CH56A	C1608X7R1E473KT 47nF 10% 25V	C496	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C413	EAE32166101	CS1005XR473K250CR 047uF 10%	C5000	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V 5.
C414	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7	C5001	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V 5.
C415	0CK473CH56A	C1608X7R1E473KT 47nF 10% 25V	C5002	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C416	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5003	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C417	EAE32166101	CS1005XR473K250CR 047uF 10%	C5004	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7
C419	0CK473CH56A	C1608X7R1E473KT 47nF 10% 25V	C5005	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C420	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5006	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C421	EAE32166101	CS1005XR473K250CR 047uF 10%	C5007	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50V
C423	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5008	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C424	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5009	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C425	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5010	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C426	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5012	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C427	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5013	0CC020CK01A	C1608C0G1H020CT 2pF 25PF 50
C428	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5014	0CC020CK01A	C1608C0G1H020CT 2pF 25PF 50
C429	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5015	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C430	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5016	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C
C431	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5016	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C
C432	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5017	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C
C436	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5018	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50
C439	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5019	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C
C440	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5020	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C441	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5021	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C442	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5022	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C449	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5023	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C450	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5024	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C451	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5025	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C452	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5026	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C453	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C5027	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C454	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5028	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C457	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7	C5029	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C459	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5030	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C460	0CC180BKFAA	C1005C0G1H180JT 18pF 5% 50V C	C5031	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C465	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5032	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C466	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C5033	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C467	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5034	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C468	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C5035	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C469	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C5036	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C470	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V	C5037	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V
C471	0CC180BKFAA	C1005C0G1H180JT 18pF 5% 50V C	C5038	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C476	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C5039	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C5040	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V	C561	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C5041	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V	C562	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C5042	0CK222CK56A	0603B222K500CT 2.2nF 10% 50V	C563	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C5043	0CK103CK56A	0603B103K500CT 10nF 10% 50V X	C564	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X
C5044	0CC471CK41A	C1608C0G1H471JT 470pF 5% 50V	C565	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X
C5045	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50	C566	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50V
C5046	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C567	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50V
C5047	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16	C568	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X
C5048	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C569	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C5049	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C570	0CE337WJ6D8	MVK12.5TP35VC330M 330uF 20% 3
C505	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C571	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C5050	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50	C572	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C5051	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7uF 20% 50	C573	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C5052	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C574	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C5053	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C575	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C506	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C575	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C507	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C576	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C509	0CK103CK56A	0603B103K500CT 10nF 10% 50V X	C581	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7
C511	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C582	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7
C512	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C583	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7
C513	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C584	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7
C515	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C585	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C523	0CK103CK56A	0603B103K500CT 10nF 10% 50V X	C586	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C524	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C587	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C525	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C588	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C527	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50	C589	0CK474DK56A	UMK212BJ474KG-T 470nF 10% 50V
C528	0CK103CK56A	0603B103K500CT 10nF 10% 50V X	C590	0CK474DK56A	UMK212BJ474KG-T 470nF 10% 50V
C529	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C592	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C530	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C593	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V 5.
C531	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C594	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C532	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C595	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C533	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7	C596	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C534	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C597	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C535	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C598	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C536	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C599	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C539	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50	C600	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C540	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50	C600	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C541	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C6008	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C542	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C6009	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C546	0CK105CD56A	C1608X7R1A105KT 1uF 10% 10V X	C601	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C547	0CZZB00035A	GRM1555C1H330J 33pF 5% 50V C0	C6010	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C548	0CZZB00035A	GRM1555C1H330J 33pF 5% 50V C0	C6015	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A
C549	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C6015	0CK226FF67A	EMK325BJ226MM-T 22uF 20% 16V
C550	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C6017	0CK226FF67A	EMK325BJ226MM-T 22uF 20% 16V
C551	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50V	C6018	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7
C552	0CK103CK56A	0603B103K500CT 10nF 10% 50V X	C6019	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7
C556	0CE337WJ6D8	MVK12.5TP35VC330M 330uF 20% 3	C6021	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7
C557	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C6022	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7
C558	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C6023	0CC180BKFAA	C1005C0G1H180JT 18pF 5% 50V C
C559	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50V	C6024	0CC180BKFAA	C1005C0G1H180JT 18pF 5% 50V C
C560	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C6025	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C6026	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V	C668	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C603	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C670	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V 5.
C604	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C671	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C605	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V	C672	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C605	EAE32166601	CH1005CG391J500NR 390pF 5% 50	C673	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C609	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C674	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C610	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C675	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C611	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C676	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C612	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C677	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C613	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C678	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C614	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C679	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C616	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C680	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C617	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C681	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C618	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C682	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C619	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C683	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C620	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C685	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C621	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C686	EAE30281301	CS1005C0G200J400NR 20pF 5% 50
C622	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C687	EAE30281301	CS1005C0G200J400NR 20pF 5% 50
C623	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C696	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C624	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C697	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C625	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C700	0CE105WK6DC	MVK4.0TP50VC1M 1uF 20% 50V 5.
C626	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C7000	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V
C627	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C7001	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C628	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16	C7002	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C629	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C7003	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C630	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7	C7005	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C631	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C7006	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C632	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C7007	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C633	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C7008	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C634	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C701	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A
C635	0CE106WFKDC	MVK4.0TP16VC10M 10uF 20% 16V	C7010	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C635	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A	C7011	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C636	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C7012	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C637	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C7013	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C637	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C7014	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C638	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C7015	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C639	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	C7028	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C640	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C704	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V
C641	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C705	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V
C642	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C706	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V
C644	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V	C707	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V
C645	0CK103BH56A	C1005X7R1E103KT- 10nF 10% 25V	C709	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C647	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C710	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C648	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C711	0CE225WK6DC	MVK4.0TP50VC2.2M 2.2uF 20% 50
C649	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C712	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C656	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	C713	0CE225WK6DC	MVK4.0TP50VC2.2M 2.2uF 20% 50
C660	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C714	0CE225WK6DC	MVK4.0TP50VC2.2M 2.2uF 20% 50
C661	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C715	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C663	0CK102BK56A	0402B102K500CT 1nF 10% 50V X7	C716	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C666	0CH2334F566	0805B334K160CT 330nF 10% 16V	C717	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V
C667	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C718	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C719	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	C21	6631V63002D	Harness,Single 6.35MM 2P
C721	0CE225WK6DC	MVK4.0TP50VC2.2M 2.2uF 20% 50	C22	68509A0004E	Cable,Assembly RCA JACK RCA JACK
C722	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C23	EAD36175202	Harness,Single USB 1000MM
C723	0CK101BK4EA	C1005C0G1H101JT 100pF 5% 50V	C24	EAD36884301	Harness,Single Extension 12P
C724	EAE32720101	16SVP330M 330uF 20% 16V 4.72A	C3	6631900024D	Harness,Single 2.00MM 3P
C725	EAE32720101	16SVP330M 330uF 20% 16V 4.72A	C4	6631900027E	Harness,Single 2.50MM 13P
C726	EAE30840301	10SVPC68M 68uF 20% 10V 1.97A	C5	6631900028J	Harness,Single 2.50MM 7P
C727	EAE30840401	25SVPD10M 10uF 20% 25V 1.5A -	C6	6631900028K	Harness,Single 2.50MM 3P
C728	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V	C7	6631900065B	Harness,Single 2.50MM 12P
C729	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V	C8	6631900099B	Harness,Single 2.50MM 3P
C733	0CK471BK56A	C1005X7R1H471KT 470pF 10% 50V	C9	6630V90142A	Connector,Wafer 2.54MM 2R
C735	0CK104CK56A	0603B104K500CT 100nF 10% 50V	C9	6631900100D	Harness,Single 2.50MM 4P
C737	0CE337WH6DC	MVK10TP25VC330M 330uF 20% 25V	J300	6630G70017A	Connector,DSUB 9P 2.77MM
C742	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	J405	6630G70016A	Connector,DSUB 15P 2.29MM
C743	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P1	6602T20009E	Connector,Wafer SMAW200-06P
C744	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0	P2	6602T20008D	Connector,Wafer SMW200-05P
C746	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P3	6602T20008N	Connector,Wafer SMW200-14P
C748	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V	P401	6602T12004C	Connector,Wafer 4P 1.25MM
C754	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P5	6630SK00604	Connector,USB UAR27-4K2300 A 1P
C756	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V	P501	6602T25008C	Connector,Wafer SMW250-04P
C757	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P502	6602T25008B	Connector,Wafer SMW250-03P
C763	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P600	6630V93270A	Connector,Wafer FI-RE51S-HFK-A 51P
C763	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P700	6602T20008N	Connector,Wafer SMW200-14P
C764	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P701	6602T25008M	Connector,Wafer SMW250-13P
C765	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P702	6602T25008J	Connector,Wafer SMW250-10P
C766	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P703	6602T20008L	Connector,Wafer SMW200-12P
C767	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P706	366-932B	Connector,Wafer 3P 2.50MM
C768	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P707	366-932B	Connector,Wafer 3P 2.50MM
C801	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P708	366-932B	Connector,Wafer 3P 2.50MM
C811	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P709	366-932B	Connector,Wafer 3P 2.50MM
C823	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	P711	6602T20008J	Connector,Wafer SMW200-10P
C828	0CC150CK41A	C1608C0G1H150JT 15pF 5% 50V C	P712	6602T20008D	Connector,Wafer SMW200-05P
C845	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	INDUCTOR		
C846	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	L1	0LCML00020D	Inductor,MLI-201212-220K 22UH 10%
C848	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	L100	EAP32632801	Inductor,0805CS-391XJLC 390NH 5%
C882	0CK104BF56A	C1005X7R104KET 100nF 10% 16V	L314	EAP32842801	Inductor,NR8040T2R0M 2UH 20%
CONNECTOR & WAFER			L317	0LC2000005K	Inductor,FI-D2012-223KJT(CE) 22UH 10%
C1	6631900010L	Harness,Single SMH200-12P	L318	0LC2000005K	Inductor,FI-D2012-223KJT(CE) 22UH 10%
C10	6631900108C	Harness,Single 2.00MM 6P	L501	0LCML00020B	Inductor,MLI-201209-6R8K 6.8UH 10% 0V 15
C11	6631900133E	Harness,Single LVDS FULL HD (JAE)	L508	0LCML00020B	Inductor,MLI-201209-6R8K 6.8UH 10% 0V 15
C12	6631T12006Z	Harness,Single 1.25MM 4P	L510	EAP32842805	Inductor,NR8040T150M 15UH 20% 0V 2.4A
C13	6631T20033K	Harness,Single 2.00MM 14P	L511	EAP32842805	Inductor,NR8040T150M 15UH 20% 0V 2.4A
C14	6631T25019Q	Harness,Single 2.50MM 5P	L512	EAP32842805	Inductor,NR8040T150M 15UH 20% 0V 2.4A
C15	6631V25032J	Harness,Single 2.50MM 3P	L513	EAP32842805	Inductor,NR8040T150M 15UH 20% 0V 2.4A
C16	6631V25032K	Harness,Single 2.50MM 3P	L520	0LC2232101A	Inductor,FI-D3216-223KJT 22UH 10% -
C17	6631V39002S	Harness,Single 3.96MM 10P	L521	0LC2232101A	Inductor,FI-D3216-223KJT 22UH 10% -
C18	6631V39016H	Harness,Single 3.96MM 10P	L522	0LC2232101A	Inductor,FI-D3216-223KJT 22UH 10% -
C19	6631V39032A	Harness,Single 3.96MM 5P	L624	0LCML00020B	Inductor,MLI-201209-6R8K 6.8UH 10% 0V 15
C2	6631900012G	Harness,Single 2.50MM 10P	L700	0LC2220101A	Inductor,FI-B2012-222KJT 2.2UH 10%
C20	6631V63001E	Harness,Single 6.35MM 3P	L701	0LC2220101A	Inductor,FI-B2012-222KJT 2.2UH 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
L702	0LC2220101A	Inductor,FI-B2012-222KJT 2.2UH 10%
L703	0LC2220101A	Inductor,FI-B2012-222KJT 2.2UH 10%
L708	0LC2220101A	Inductor,FI-B2012-222KJT 2.2UH 10%
L709	0LC2220101A	Inductor,FI-B2012-222KJT 2.2UH 10%
JACK		
J1	EAG32151101	Jack,Fiber Optic TOX177L(F,T) 3P
J400	6612J10031A	Jack,RCA PPJ209-02 14.0MM 1R
J401	6612J10031A	Jack,RCA PPJ209-02 14.0MM 1R
J402	6612B00015B	Jack,DIN DC1R019WDH SOCKET 2
J403	6612B00015B	Jack,DIN DC1R019WDH SOCKET 2
J404	6612B00015B	Jack,DIN DC1R019WDH SOCKET 2
J501	EAG35542202	Jack,RCA PPJ204-06 12.0MM 1R
J600	6612J10024A	Jack,Complex KCN-BT-0-0056 4P NT
J702	6612F00099A	Jack,Phone PEJ024-01 1P 4P STR
J703	6612F00099A	Jack,Phone PEJ024-01 1P 4P STR
J704	6612J10043A	Jack,RCA PPJ200-07 15MM 1RX4
J705	6612J00062H	Jack,Complex PMJ029-01 14P DIN/R
P4	6612J10033A	Jack,Complex PMJ016-13 13P DIN/R
RESISTOR		
AR100	EBC32260901	MNR04M0APJ102 1KOHM 5% 1/16W
AR200	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR201	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR202	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR203	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR204	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR205	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR206	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR207	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR208	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR209	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR210	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR211	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR212	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR213	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR214	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR215	EBC33751901	MNR14M0ABJ180 18OHM 5% 1/16W
AR431	EBC32260601	MNR04M0APJ101 100OHM 5% 1/16W
AR432	EBC32260601	MNR04M0APJ101 100OHM 5% 1/16W
AR452	EBC32260601	MNR04M0APJ101 100OHM 5% 1/16W
AR453	EBC32260601	MNR04M0APJ101 100OHM 5% 1/16W
AR470	EBC32260601	MNR04M0APJ101 100OHM 5% 1/16W
AR471	EBC32260601	MNR04M0APJ101 100OHM 5% 1/16W
AR600	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4
AR601	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4
AR602	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4
AR603	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4
AR604	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4
AR605	EBC32260501	MNR04M0APJ000 0OHM 5% 1/16W 4
AR651	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4

LOCA. NO	PART NO	DESCRIPTION
AR656	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
AR657	0RJ0222C687	RCA86TRJ22R0 22OHM 5% 1/16W 4
R1	0RH0000D622	MCR10EZPJ000 0OHM 5% 1/8W 201
R1	0RH0000D622	MCR10EZPJ000 0OHM 5% 1/8W 201
R1013	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1014	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1015	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1016	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1017	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1018	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1019	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1021	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R1026	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R103	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R1032	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R1034	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R1036	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R104	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R111	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R112	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R113	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R114	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R116	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R117	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R118	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R119	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R126	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R127	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R129	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1
R130	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1
R131	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R132	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R133	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1
R134	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1
R135	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R136	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1
R137	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1
R139	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R140	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R142	0RJ1003C678	MCR01MZPJ104 100KOHM 5% 1/16W
R143	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R148	EBC33834501	MCR03EZP5FX40R2 4 2OHM 1% 1/
R149	0RJ0471C678	MCR01MZPJ4R7 4.7OHM 5% 1/16W
R150	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R151	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R153	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R154	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R155	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R160	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R161	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R163	EBC33834701	MCR03EZP5FX7150 715OHM 1% 1/1

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
R164	EBC33834701	MCR03EZP5FX7150 715OHM 1% 1/1	R256	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R165	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R257	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R166	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R3	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 201
R167	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R300	0RJ3300C678	MCR01MZPJ331 330OHM 5% 1/16W
R168	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3000	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R169	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3006	0RJ1003C678	MCR01MZPJ104 100KOHM 5% 1/16W
R170	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R3008	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R171	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R3008	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R178	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R301	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W
R179	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R3010	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R180	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R3010	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R181	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R3012	0RJ1003C678	MCR01MZPJ104 100KOHM 5% 1/16W
R182	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R3013	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R190	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3013	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R192	0RJ3001C678	MCR01MZPJ302 3KOHM 5% 1/16W 1	R3014	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R193	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3015	0RJ1003C678	MCR01MZPJ104 100KOHM 5% 1/16W
R194	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3016	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R195	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3017	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R196	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3018	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R197	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3019	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R198	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R302	0RJ4302D677	MCR03EZPJ433 43KOHM 5% 1/10W
R200	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1	R3020	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R201	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1	R3021	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R202	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3022	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R203	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3023	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R204	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3024	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R205	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3025	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R215	0RJ1500C678	MCR01MZPJ151 150OHM 5% 1/16W	R3027	0RJ6802C678	MCR01MZPJ683 68KOHM 5% 1/16W
R216	0RJ1500C678	MCR01MZPJ151 150OHM 5% 1/16W	R3028	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R216	0RJ1500C678	MCR01MZPJ151 150OHM 5% 1/16W	R3029	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R217	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R303	0RJ3300C678	MCR01MZPJ331 330OHM 5% 1/16W
R218	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3030	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R219	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3031	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R220	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3032	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W
R228	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R3034	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R229	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R3035	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R230	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R3035	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R232	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R304	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W
R235	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3040	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R236	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3041	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R237	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3041	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R238	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3042	0RJ3302C678	MCR01MZPJ333 33KOHM 5% 1/16W
R239	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R3043	0RJ3300C678	MCR01MZPJ331 330OHM 5% 1/16W
R240	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R3043	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R245	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3045	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R246	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3046	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R247	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R3049	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R248	0RJ0182C478	MCR01MZPF180 18OHM 1% 1/16W 1	R305	0RJ6801C678	MCR01MZPJ682 6.8KOHM 5% 1/16W
R249	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R3050	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R250	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R3052	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R251	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R3053	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
R3054	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W	R373	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R3055	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W	R374	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R3056	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R375	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R3057	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R376	0RJ6802C678	MCR01MZPJ683 68KOHM 5% 1/16W
R3058	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W	R379	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R3059	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W	R380	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R306	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R381	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R3060	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W	R382	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R3061	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R383	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R3067	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R388	0RJ3302C678	MCR01MZPJ333 33KOHM 5% 1/16W
R307	0RJ2001E472	MCR10EZH202 2KOHM 1% 1/8W 20	R390	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R3070	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R391	0RJ6801C678	MCR01MZPJ682 6.8KOHM 5% 1/16W
R3071	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 201
R3072	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R400	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R3073	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4000	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R308	0RJ2702C478	MCR01MZPF273 27KOHM 1% 1/16W	R4001	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R309	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	R4002	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R312	0RJ0511D677	MCR03EZPJ5R1 5.1OHM 5% 1/10W	R4003	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R313	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4004	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W
R315	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4005	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W
R316	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4007	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W
R319	0RJ0101C678	MCR01MZPJ1R0 1OHM 5% 1/16W 10	R4008	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W
R320	0RJ1001E478	MCR01MZPF102 1KOHM 1% 1/16W 1	R401	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R321	0RJ2002C478	MCR01MZPF203 20KOHM 1% 1/16W	R4012	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R322	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W	R4013	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R323	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W	R4014	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R326	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R4015	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R328	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R4016	0RJ5101C678	MCR01MZPJ512 5.1KOHM 5% 1/16W
R330	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R4017	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R331	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R4018	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R345	0RJ2200C678	MCR01MZPJ221 220OHM 5% 1/16W	R4019	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R346	0RJ2200C678	MCR01MZPJ221 220OHM 5% 1/16W	R402	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R347	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4020	0RJ5101C678	MCR01MZPJ512 5.1KOHM 5% 1/16W
R350	0RJ2000C678	MCR01MZPJ201 200OHM 5% 1/16W	R4021	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R354	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4022	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R355	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4023	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R356	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R4024	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R357	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R4025	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R358	0RJ4700C678	MCR01MZPJ471 470OHM 5% 1/16W	R4026	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R360	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R4027	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R361	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4028	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R362	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R4029	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R363	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R403	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R365	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R4030	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R366	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R4031	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R367	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R4032	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R367	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4033	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R368	0RJ1502C678	MCR01MZPJ153 15KOHM 5% 1/16W	R4034	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R368	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W	R4035	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R370	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4036	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R372	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R4037	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
R4038	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4109	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R4039	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R411	0RJ3900C678	MCR01MZPJ5J391 390OHM 5% 1/16W
R404	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4110	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R4040	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4111	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R4041	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4116	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4042	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4117	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4043	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4118	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4044	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4119	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4045	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R412	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R4046	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R4120	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4047	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R4121	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4048	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R4122	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4049	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4123	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R405	0RJ3900C678	MCR01MZPJ5J391 390OHM 5% 1/16W	R4124	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4050	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R413	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R4051	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R4138	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4056	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	R4139	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4057	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	R4140	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4058	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	R4141	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4059	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	R4142	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R406	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R4143	0RJ2000C678	MCR01MZPJ201 200OHM 5% 1/16W
R4060	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10W	R4144	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4060	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R4145	0RJ2000C678	MCR01MZPJ201 200OHM 5% 1/16W
R4071	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R4146	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4076	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R4147	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R408	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R4148	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4080	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R415	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1
R4081	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4150	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4082	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4151	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R4083	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4152	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4084	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4153	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4085	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4154	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4086	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R4155	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4087	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R416	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R4088	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R418	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1
R4089	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R419	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R409	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R420	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4092	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R421	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1
R4095	0RJ5101C678	MCR01MZPJ512 5.1KOHM 5% 1/16W	R422	0RJ9101D477	MCR03EZPF912 9.1KOHM 1% 1/10W
R4096	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R423	0RJ1800C678	MCR01MZPJ181 180OHM 5% 1/16W
R4097	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R424	0RJ9101D477	MCR03EZPF912 9.1KOHM 1% 1/10W
R4099	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R425	0RJ1800C678	MCR01MZPJ181 180OHM 5% 1/16W
R410	0RJ0682C678	MCR01MZPJ680 68OHM 5% 1/16W 1	R434	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W
R4100	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R435	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4101	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R436	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4102	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R437	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4103	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R438	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R4105	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R439	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R4106	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R440	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R4107	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R441	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1
R4108	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R442	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
R443	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R5022	0RJ3302C678	MCR01MZPJ333 33KOHM 5% 1/16W
R445	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R5022	0RJ6801C678	MCR01MZPJ682 6.8KOHM 5% 1/16W
R446	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R5023	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R447	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R5024	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R448	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5025	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R449	0RJ0332C478	MCR01MZPF330 33OHM 1% 1/16W 1	R5026	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R450	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R5029	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 16
R451	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R5031	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W
R454	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R5032	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1
R455	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R5034	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 16
R456	0RJ0332C678	MCR01MZPJ330 33OHM 5% 1/16W 1	R5035	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1
R457	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5036	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 1
R458	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5037	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1
R459	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5038	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 1
R460	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5039	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R464	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R5040	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R465	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R5041	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R467	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5042	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R468	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5043	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R469	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5045	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R472	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5046	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R474	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R5048	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R475	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R5049	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R476	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R5051	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R477	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5052	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R478	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5055	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R481	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5057	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W
R485	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R5058	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R486	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R5059	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R491	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5060	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R492	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R5061	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R496	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R5062	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R497	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R5063	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W
R5002	0RJ5601C678	MCR01MZPJ562 5.6KOHM 5% 1/16W	R5068	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W
R5003	0RJ5601C678	MCR01MZPJ562 5.6KOHM 5% 1/16W	R5069	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W
R5004	0RJ2001C678	MCR01MZPJ202 2KOHM 5% 1/16W 1	R5070	0RJ2201D677	MCR03EZPJ222 2.2KOHM 5% 1/10W
R5005	0RJ2001C678	MCR01MZPJ202 2KOHM 5% 1/16W 1	R5071	0RJ2201D677	MCR03EZPJ222 2.2KOHM 5% 1/10W
R5008	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5072	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 16
R5009	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R5073	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 16
R5010	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R5076	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W
R5011	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R5077	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1
R5012	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R5078	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 1
R5013	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R5079	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W
R5014	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R508	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R5015	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R508	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R5016	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R5080	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W
R5017	0RJ0471D677	MCR03EZPJ4R7 4.7OHM 5% 1/10W	R5081	0RJ1501D677	MCR03EZPJ152 1.5KOHM 5% 1/10W
R5018	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W	R5082	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R5019	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W	R5082	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 16
R5020	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W	R5083	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 1
R5021	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W	R509	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
R514	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R610	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R523	0RJ1200C678	MCR01MZPJ121 120OHM 5% 1/16W	R611	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R524	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	R612	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R525	0RJ1100D677	MCR03EZPJ111 110OHM 5% 1/10W	R614	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R540	0RJ3301C678	MCR01MZPJ332 3.3KOHM 5% 1/16W	R615	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R541	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R616	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R542	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R618	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R543	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R619	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R559	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10W	R621	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R560	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10W	R622	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R581	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10W	R623	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R582	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10W	R626	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R583	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10W	R628	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R584	0RJ0331D677	MCR03EZPJ3R3 3.3OHM 5% 1/10W	R631	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R585	0RJ3001C678	MCR01MZPJ302 3KOHM 5% 1/16W 1	R632	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R586	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R638	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R587	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R646	0RJ3001C678	MCR01MZPJ302 3KOHM 5% 1/16W 1
R588	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R656	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R589	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R658	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R590	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R662	0RJ3300C678	MCR01MZPJ331 330OHM 5% 1/16W
R591	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R664	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R593	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W	R665	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R594	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R667	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W
R595	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R668	0RJ1004D477	MCR03EZPF105 1MOHM 1% 1/10W 1
R6	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 201	R670	0RJ1202C678	MCR01MZPJ123 12KOHM 5% 1/16W
R6001	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R670	0RJ5601C678	MCR01MZPJ562 5.6KOHM 5% 1/16W
R6004	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R671	0RJ1202C678	MCR01MZPJ123 12KOHM 5% 1/16W
R6005	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R671	0RJ5601C678	MCR01MZPJ562 5.6KOHM 5% 1/16W
R6006	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R672	0RJ2001C678	MCR01MZPJ202 2KOHM 5% 1/16W 1
R6007	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R672	0RJ2001C678	MCR01MZPJ202 2KOHM 5% 1/16W 1
R6008	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R673	0RJ2001C678	MCR01MZPJ202 2KOHM 5% 1/16W 1
R601	0RJ1201C678	MCR01MZPJ122 1.2KOHM 5% 1/16W	R673	0RJ2001C678	MCR01MZPJ202 2KOHM 5% 1/16W 1
R6014	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R678	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6015	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R679	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6016	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R680	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6017	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R681	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6018	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R682	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6019	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R683	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6020	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R684	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6022	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R685	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R6032	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R693	0RJ3301C678	MCR01MZPJ332 3.3KOHM 5% 1/16W
R6035	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	R697	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6036	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R698	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6037	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R7	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 201
R6038	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R7003	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6039	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R7004	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6044	0RJ6802C678	MCR01MZPJ683 68KOHM 5% 1/16W	R7005	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6045	0RJ6802C678	MCR01MZPJ683 68KOHM 5% 1/16W	R7006	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6048	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R7007	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R6049	0RJ3300C678	MCR01MZPJ331 330OHM 5% 1/16W	R7008	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W
R609	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R7009	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W

REPLACEMENT PARTS LIST

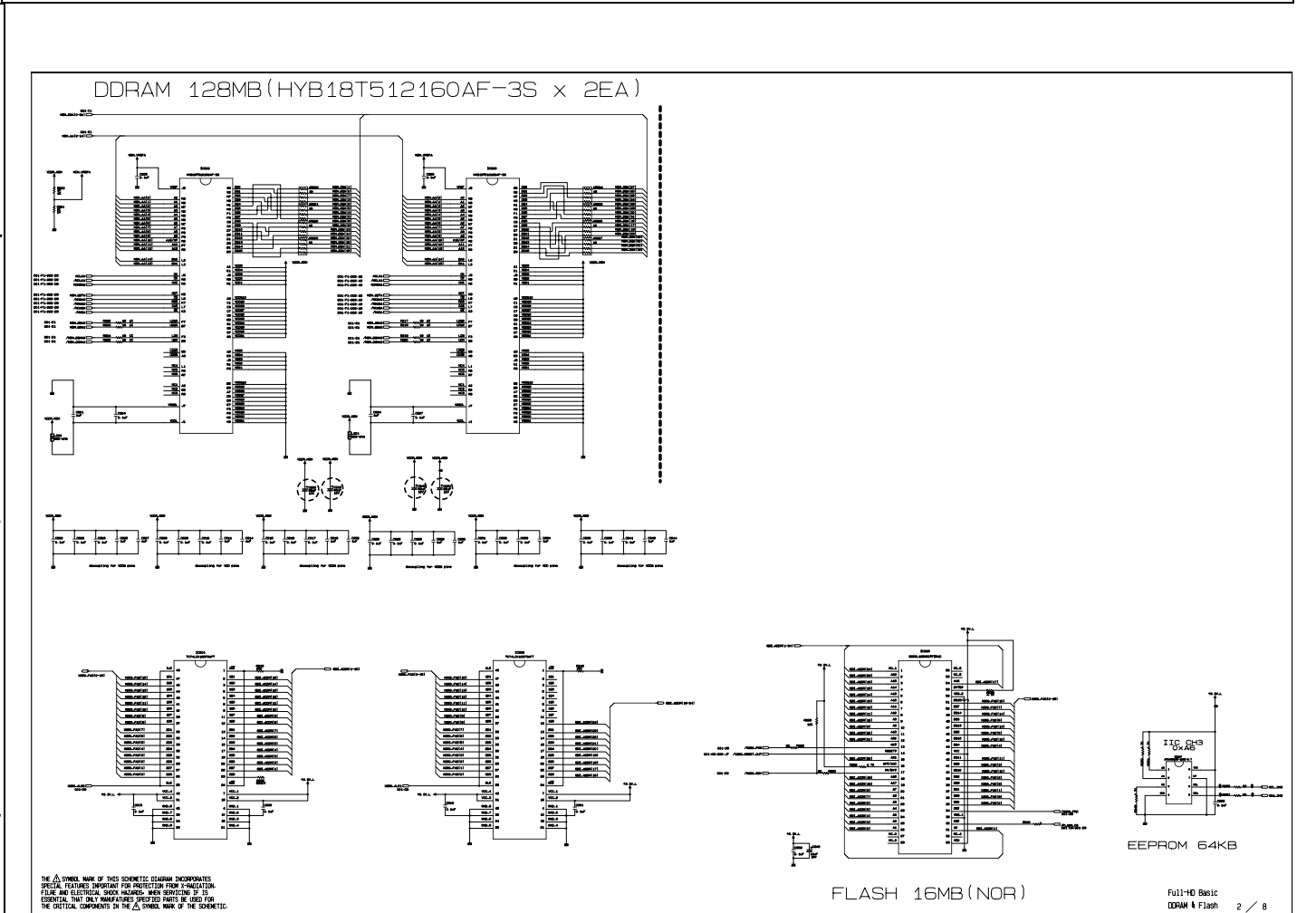
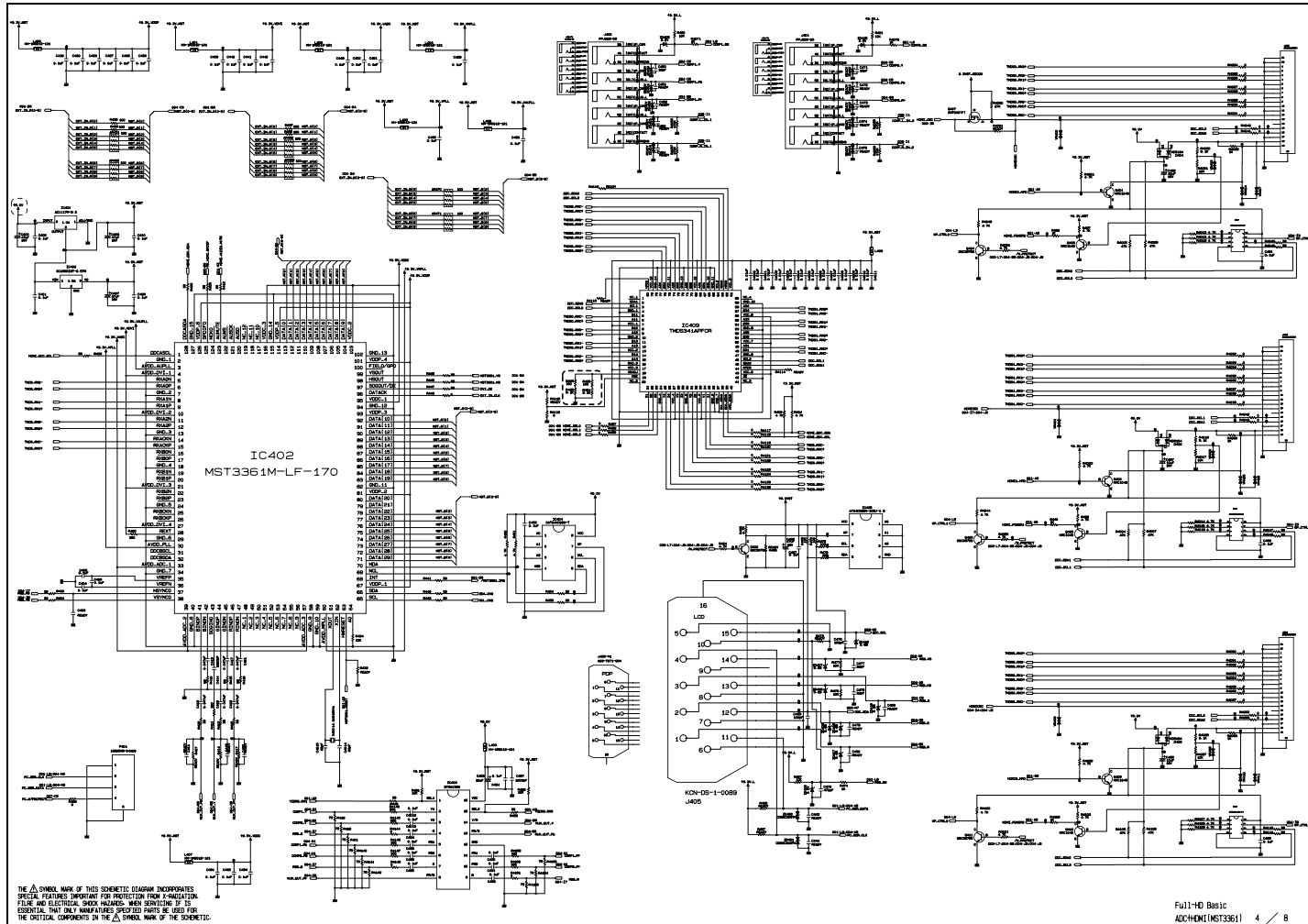
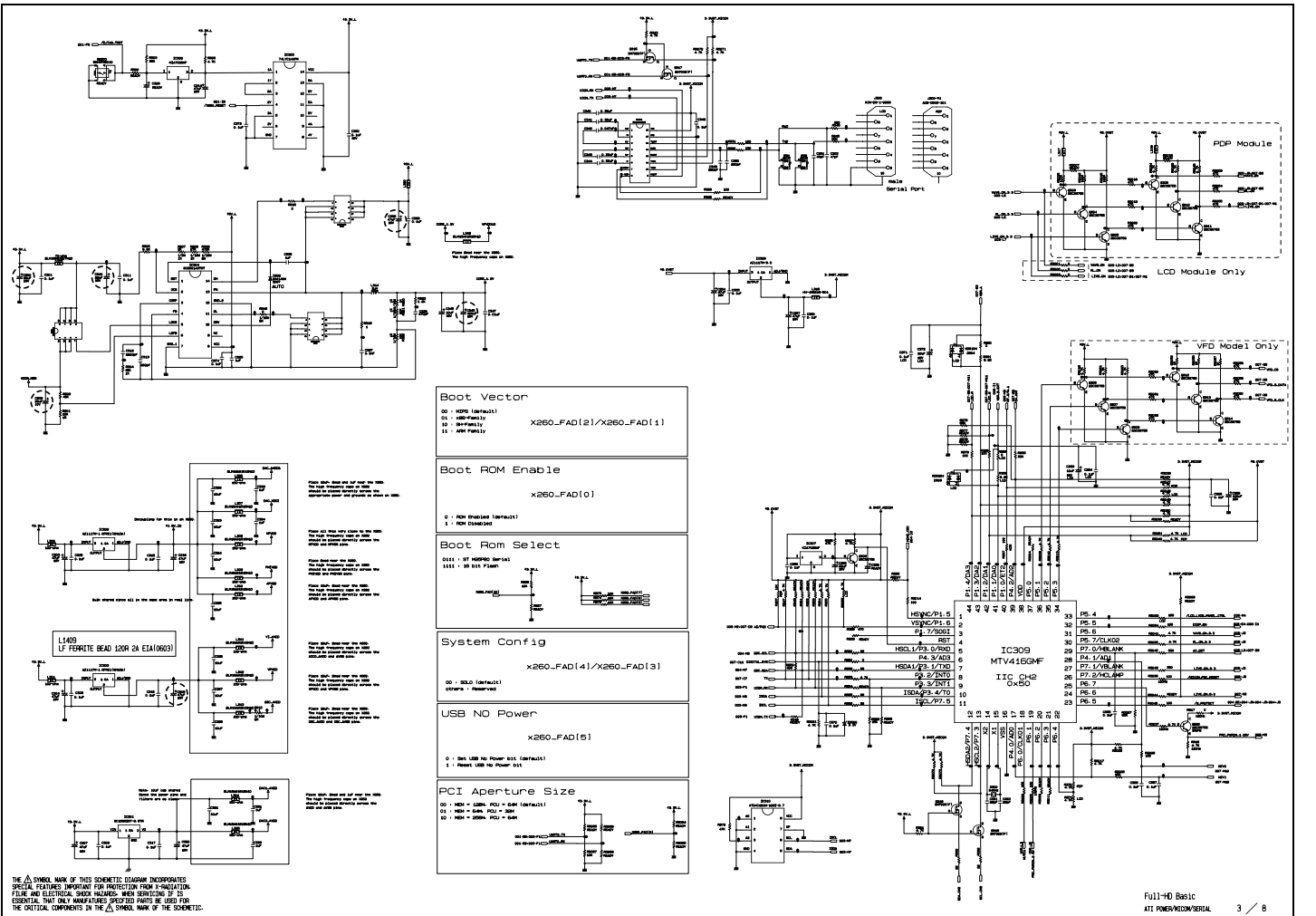
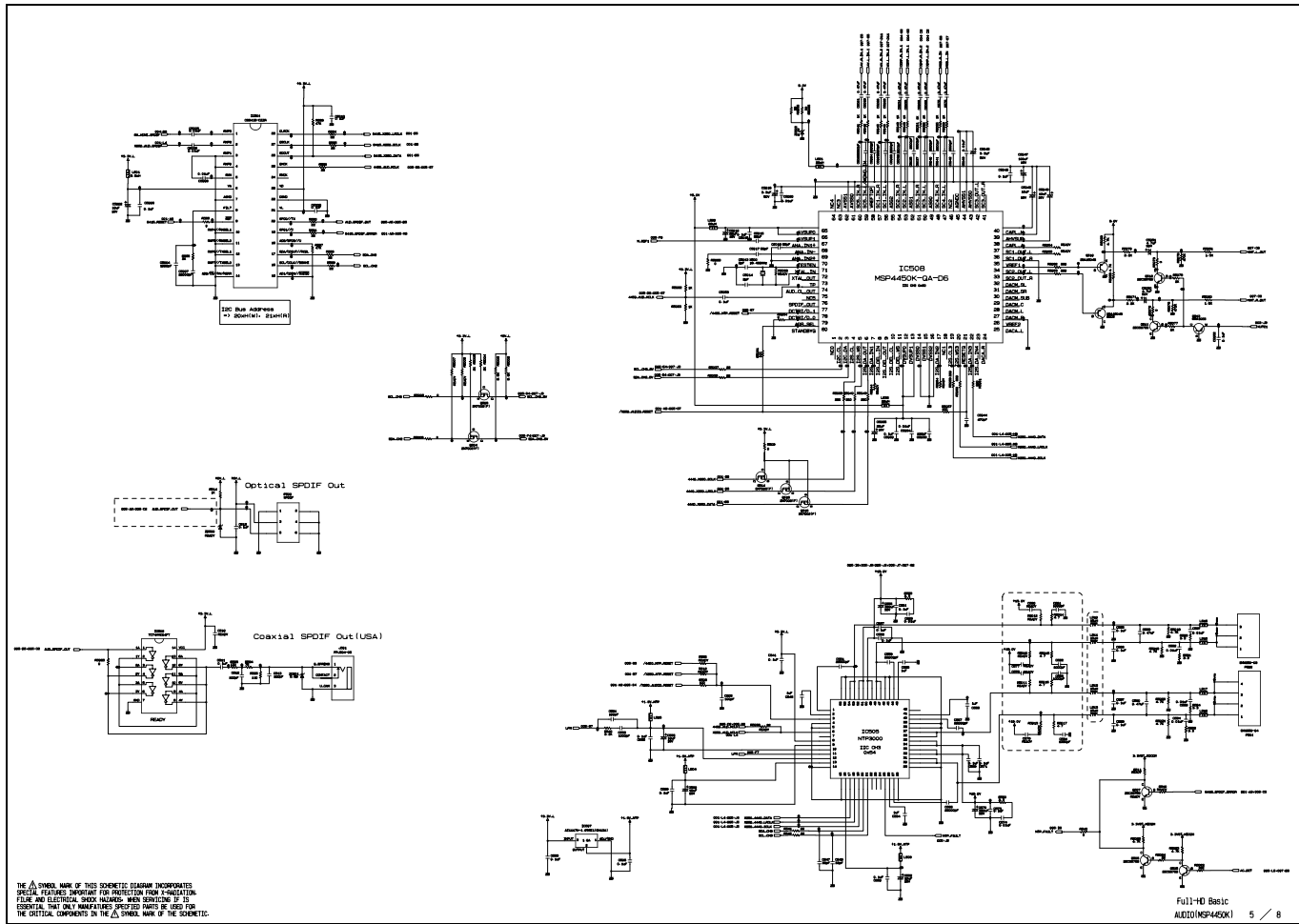
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R7010	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	R736	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R7011	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R737	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R7012	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R738	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R7013	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R739	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7014	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W	R740	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7016	0RD0332H609	RD-92T1J33R0 33OHM 5% 1/2W 9.	R744	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W
R7019	0RJ1202C678	MCR01MZPJ123 12KOHM 5% 1/16W	R745	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W
R702	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	R748	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 1
R7020	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R749	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7021	0RJ1202C678	MCR01MZPJ123 12KOHM 5% 1/16W	R751	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1
R7022	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R771	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W
R7023	0RJ1202C678	MCR01MZPJ123 12KOHM 5% 1/16W	R772	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7024	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R773	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7025	0RJ1202C678	MCR01MZPJ123 12KOHM 5% 1/16W	R774	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7026	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R775	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R7049	0RJ0222C678	MCR01MZPJ220 22OHM 5% 1/16W 1	R777	0RJ2002D677	MCR03EZPJ203. 20KOHM 5% 1/10W
R705	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	R778	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R7068	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R779	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1
R708	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R782	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R7080	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R783	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W
R7082	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	R784	0RJ0511D677	MCR03EZPJ5R1 5.1OHM 5% 1/10W
R7083	0RJ0511D677	MCR03EZPJ5R1 5.1OHM 5% 1/10W	R785	0RJ0511D677	MCR03EZPJ5R1 5.1OHM 5% 1/10W
R7084	0RJ0511D677	MCR03EZPJ5R1 5.1OHM 5% 1/10W	R786	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W
R7085	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W	R787	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W
R7086	0RJ1502C478	MCR01MZPF153 15KOHM 1% 1/16W	R8	0RH4700D622	MCR10EZHJ471 470OHM 5% 1/8W 2
R7087	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R8027	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10
R709	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	R9	0RH4700D622	MCR10EZHJ471 470OHM 5% 1/8W 2
R710	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	FILTER & CRYSTAL		
R712	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	F1	6210VH0001A	Filter,Ferrite Core 6210VH0001A
R713	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	F2	6210VH0001A	Filter,Ferrite Core 6210VH0001A
R714	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	F3	6210VH0004A	Filter,Ferrite Core 6210VH0004A
R715	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	F4	6210VH0004A	Filter,Ferrite Core 6210VH0004A
R716	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	F5	6210VH0004B	Filter,Ferrite Core ZCAT1518-0730-M- K
R717	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	L101	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R718	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	L2	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM 3
R719	0RJ4703C678	MCR01MZPJ474 470KOHM 5% 1/16W	L200	EAM32500503	Filter,Bead BLM18AG221SN1D 220ohm 20
R720	0RJ0752C678	MCR01MZPJ750 75OHM 5% 1/16W 1	L201	EAM32500503	Filter,Bead BLM18AG221SN1D 220ohm 20
R721	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	L202	EAM32500503	Filter,Bead BLM18AG221SN1D 220ohm 20
R721	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	L203	EAM32500503	Filter,Bead BLM18AG221SN1D 220ohm 20
R723	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	L300	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1
R723	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	L301	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1
R724	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	L302	EAM32500902	Filter,Bead BLM18SG700TN1D 70ohm 400
R724	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	L304	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R726	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	L305	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R726	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	L306	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R728	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 1	L307	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R729	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W	L308	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R729	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10	L309	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R730	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W	L310	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20
R733	0RJ0000C678	MCR01MZPJ000 0OHM 5% 1/16W 10			

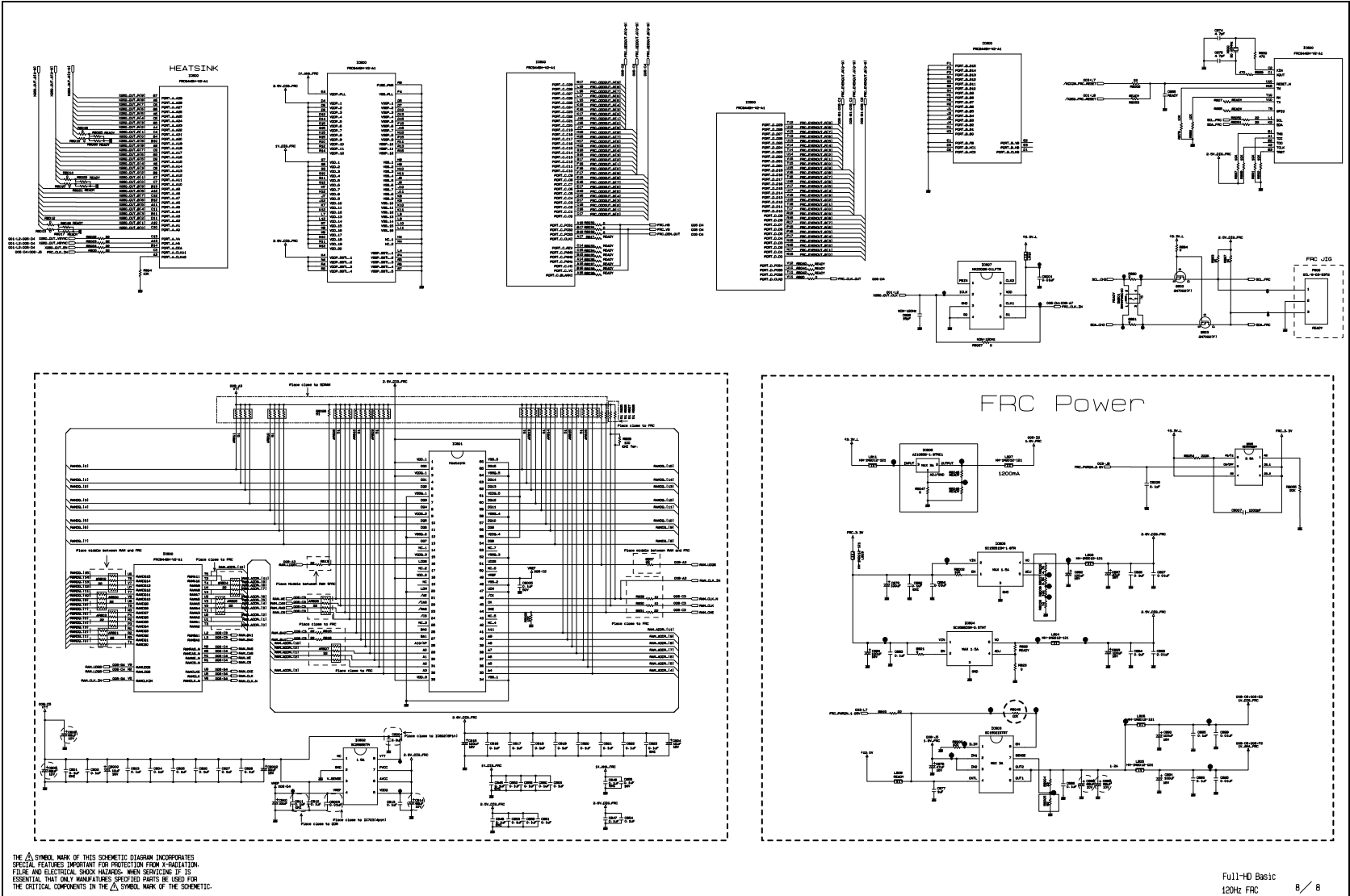
REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
L311	EAM32500203	Filter,Bead BLM18PG121SN1D 120ohm 20	L731	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L312	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20	L732	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L313	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20	L736	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L315	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20	L737	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L316	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM 3	L738	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L320	EAM32500902	Filter,Bead BLM18SG700TN1D 70ohm 400	L739	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L321	EAM32500502	Filter,Bead BLM18AG151SN1D 150ohm 20	L740	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L400	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L741	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L401	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L742	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L402	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L743	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L403	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L745	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L404	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L746	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L405	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L747	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2
L406	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L748	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI) 10
L407	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L749	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI) 10
L408	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L750	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI) 10
L504	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L751	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI) 10
L505	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L752	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI) 10
L508	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L753	EAM37276902	Filter,LCR LCF20P101-TM LPF(EMI) 10
L515	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	L755	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1
L516	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	X100	EAW30352304	Crystal,9C55400023(16pf) 55.474MHZ
L517	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	X300	6202TST001E	Crystal,SX-1 24MHZ 30PPM(20PF) 24MHZ
L518	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	X400	6202VDT002B	Crystal,SX-1 14.31818MHZ 30PPM(16PF)
L600	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	X500	6202VDT002H	Crystal,SX-1 18.432MHZ 30PPM(16PF)
L601	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	X601	6212AB2872A	Crystal,HC49SM 25MHZ 50PPM 20pF
L602	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	MISCELLANEOUS		
L604	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	IC2	6712000014A	Receiver Module,KSM-2013TH2A
L605	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	IC205	SAA30652614	S/W,Firmware 3.15 49E2
L606	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	IC309	SAA30643717	S/W,Firmware 3.04.0 99A0
L607	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	IC706	0IPRPNS054A	Sensor,Temperature LM75CIMX-3
L608	0LCML00003B	Filter,Bead MLB-201209-0120P-N2 120O	TU600	EBL34917003	Tuner,Analog/Digital VA1Y2UR2201
L609	0LCML00003B	Filter,Bead MLB-201209-0120P-N2 120O	VR400	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L611	0LCML00003B	Filter,Bead MLB-201209-0120P-N2 120O	VR401	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L612	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR402	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L619	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR403	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L622	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR404	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L623	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR405	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L706	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR406	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L710	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR407	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L711	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR408	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L712	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR409	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L713	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR410	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L716	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	VR411	6102W5V016A	Varistor,AVRL161A1R1NT 10V 30%
L717	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	ACCESSORIES		
L718	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	A1	SAC30708009	Title,CD MANUAL
L719	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm) 1	A1	MFL35930208	Manual,Owners SIMPLE BOOK
L723	6210TCE001S	Filter,Bead HU-1M2012-121 120OHM 2X1	“	MFL35930209	Manual,Owners *LGECI
L724	6210TCE001S	Filter,Bead HU-1M2012-121 120OHM 2X1	A2	6710900011Z	Remote Controller
L725	6210TCE001S	Filter,Bead HU-1M2012-121 120OHM 2X1	A21	3550V00684B	Cover,BATTERY
L726	6210TCE001S	Filter,Bead HU-1M2012-121 120OHM 2X1			
L729	EAM37574201	Filter,LCR LC-2012-250JT LPF(EMI) 2			

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
A3	EAD36401701	Power Cord
A4	6850TD9007E	Cable,Assembly D-SUB CONNECTOR(M)
A5	6852TAZ010F	Cable,Assembly SMA CONNECTOR(M)
A7	4810V00509B	Bracket,MOLD ABS WALL AP-60DA10







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